



GROUP – IV
STATE LEVEL MOCK TEST
GENERAL ENGLISH WITH GENERAL STUDIES
ANSWERS WITH EXPLANATION

1. **Ans : C**

- ❖ Sentences that begin with 'Each of', 'Either of', 'Neither of', 'Both of' and 'All of' take plural pronouns as the subject in the question tag.
- ❖ The given statement is negative hence the question tag will be positive
- ❖ All of us are not eligible to apply for this course, are we?

2. **Ans : C**

'THE' Model
.....'the' + Superlative degree word..... [S]
.....Comparative degree + than any other.....[C]
No other.....as / so Positive degree word as..... [P]

- ❖ According to the syntax of 'The' model the appropriate Comparative Degree for the sentence
- ❖ No other profession is as noble as teaching. – Positive Degree
- ❖ Teaching is nobler than any other profession. – Comparative degree
- ❖ Teaching is the noblest of all professions. / Teaching is the noblest profession. – Superlative degree

3. **Ans : C**

- ❖ Direct Speech: She asked me, "Do you have the address?"
- ❖ Indirect Speech: She asked me whether I had the address
- ❖ Conjunction – if / whether

Direct Speech

Indirect Speech

Simple Present Tense (V1) Simple Past Tense (V2)

4. **Ans : B**

- ❖ The underlined word functions as Present Participle
- ❖ Participles two types
- ❖ Present Participle -V + ing They indicate an unfinished action.
- ❖ Past Participle – (V3) The past participles usually end with -ed, -d, -t, or -en. They indicate completed action
- ❖ We met a man riding on a donkey - Present Participle (unfinished action)
- ❖ She rushed home seeing the time – Present Participle – Unfinished action



5. **Ans : D**

- ❖ Compound words are formed when two or more words are put together to form a new word with a new meaning

<u>House</u>	<u>keeping</u>
Noun	Gerund
<u>Sight</u>	<u>seeing</u>
Noun	Gerund
<u>Air</u>	<u>conditioning</u>
Noun	Gerund

6. **Ans : A**

(a) Women's Rights – is a poem by Annie Louisa Walker is an influential poem that communicates the freedom and rights of women. The poet praises the Nobel qualities of women in this poem

(b) Is Life but a Dream? – is a poem by Lewis Carroll talks about the boat – ride and the Liddells. The poet recollects after a number of years how they set out to picnic on the bank and how the tale was spun

(c) The phrase “All the world's a stage” is the beginning of a monologue from William Shakespeare's As You Like It, spoken by Jaques in Act II Scene VII (Line 138).

(d) Nine Gold Medals – David Roth

Nine Gold Medals is a poem by David Roth The poet has presented the idea of empathy and how human values are as important as the spirit of competition

(e) Lines Written in Early Spring is a poem by William Wordsworth, stressing the fact that Nature is meant for Man's joy and pleasure, but this very source of joy is destroyed by Man himself. It is a reminder to Man to preserve Nature in all her beauty.

7. **Ans : D**

Option 'D' - Incorrect

(D) Measure for Measure – Comedy

Measure for Measure, the last of Shakespeare's great comedies, is also the darkest of his comedies, and represents his transition to tragic plays.

(A) Shakespeare's well – known comedies are 'A Midsummer Night's Dream', 'Merchant of Venice' and 'Much Ado About Nothing'

(B) Romeo and Juliet



Romeo and Juliet is a tragedy written by Shakespeare. It is set in Italy and is about the love between two young people from noble families that are enemies

(C) 'Timon of Athens' is a Tragedy (in five acts) play by Shakespeare, probably written sometime in 1605–08

8. **Ans : D**

Options A, B and C – Metaphor is used

Option 'D' – Personification is used

An Implied simile is a Metaphor.

(A) I'll be the centre of my gravity, a universe of one

The given line is from the poem "Off to Outer Space Tomorrow Morning" by Norman Nicholson. The poet is compared to the Sun. He is the centre of activities inside the spacecraft.

(B) If you can't be a bush, be a bit of the grass - The given line is taken from the poem 'Be the Best' by Douglas Malloch. The poet starts the poem by giving examples of nature. The poet teaches us to be the bush if we can't be strong like a tree. If also we can't be a bush then a bit of little grass

(C) The ship is anchor'd safe and sound, its voyage closed and done

In the poem O Captain! My Captain! - The Ship is the United States of America. The ship is a metaphor for the United States. Despite the difficulties, America is now "safe and sound" and firmly "anchored" in harbour, having achieved its goal of unity.

(D) Let the dead Past bury its dead!

Personification is a figure of speech in which a thing, an idea or an animal is given human attributes

'Dead' is a human quality

'Past' (non – human) is described as dead

9. **Ans : A**

(a) Scoffing his state and grinning at his pomp - Personification

The given line is taken from the poem 'The Hollow Crown' by William Shakespeare

Death is personified here as a court jester who mocks (laughs) at the king's state and pomp (mocks his great ceremonies)

(b) Act, — act in the living Present!

The given line is taken from the poem 'A Psalm of Life' by H.W. Longfellow



Repetition is a literary device that repeats the same words or phrases a few times to make an idea clearer.

Act, — act in the living Present! – The word ‘Act’ is repeated

The poet says that what is crucial is to act in the present, ‘in the living Present!’

(c) That hung like clustered stars

The given line is taken from the poem ‘English Words’ by V.K. Gokak

A Simile is usually introduced by words of comparison such as – like, so, as

The collection of English words is compared to the cluster of stars.

English matured like fruits which ripen in fruit jar.

(d) Life is real! Life is earnest

The given line is taken from ‘A Psalm of Life’ by H.W. Longfellow

Anaphora - Repetition of first part of the sentence in order to achieve an artistic effect

The first part of the sentence ‘Life’, ‘Life’ – is repeated

(e) The given lines are taken from the poem ‘English Words’ by V.K. Gokak.

Allusion is a brief and indirect reference to a person, place, thing or idea of historical, cultural, literary or political significance.

The allusion is from "The Bible" (Reference Biblical allusion)

V.K. Gokak then cites perhaps the best known lines of the Bible and says that the world began with the Word when only God was there. Now the Word has come down to man. At the end of the world, the Word will still be the only thing that survives, and God will have found his habitation within man.

10. **Ans : D**

❖ The above stanza is taken from ‘A Psalm of Life’ by H.W. Longfellow

❖ This stanza is about our responsibilities in this life, about the work assigned to us. “Art is long and Time is fleeting” means that the work given to us is vast and time consuming, but the time is running away fast with every moment. The poet then says that though our hearts are brave and stout at other times Longfellow compares this situation of our heart to the beating of the clothed drums at the funeral marches to the grave.

11. **Ans : C**

❖ “The Baron”, said the old gentleman with a smile, “has commissioned me to bring you this letter” and he extended a sealed envelope, on which was written “A wedding present to Hugh Erskine – Hughie and Laura – from an ‘old beggar’” and inside was a cheque for ten thousand pounds.



12. **Ans : A**

- ❖ Ramanujan was born in Erode in Tamil Nadu on December 22, 1887. His father was a petty clerk in a cloth shop. From early childhood it was evident that he was a prodigy.

13. **Ans : C**

Alliteration is the repetition of the same consonant sound in several nearby words

Option 'C' – Does not contain Alliteration

(A) In the world's broad field of battle

The given lines are taken from 'A Psalm of Life' by H.W. Longfellow

Alliterated Words - **b**road - **b**attle

(B) And you O my soul where you stand

The given line is taken from the poem "Snake" by D.H. Lawrence

Alliterated words - **s**oul - **s**tand

(D) He trailed his yellow - brown slackness soft - bellied down

The given lines are taken from the poem "Snake" by D.H. Lawrence

Alliterated Words - **b**rown - **b**ellied, **s**lackness - **s**oft

14. **Ans : B**

(a) Descriptive Sketches - is one of Wordsworth's (English Romantic poet) first two books (the other is An Evening Walk); both were published by Joseph Johnson in January 1793.

(b) 'Ash Wednesday' (sometimes Ash-Wednesday) is the first long poem written by T. S. Eliot after his 1927 conversion to Anglicanism

Thomas Stearns Eliot - popular poems include 'The Wasteland', 'Love Song of J. Alfred Prufrock', 'Ash Wednesday', 'Four Quartets', 'Journey of the Magi', 'After Strange Gods' and 'Naming of Cats'.

(c) Henry V, Henry VIII

Henry V is a history play by William Shakespeare. It tells the story of King Henry V of England, focusing on events immediately before and after the Battle of Agincourt (1415) during the Hundred Years' War

Henry VIII - Henry VIII is a collaborative history play written by William Shakespeare and John Fletcher, based on the life of King Henry VIII of England.



(d) Pearl S Buck's well known books are The Good Earth, My Several Worlds, Far and Near Stories and The Child who Never Grew.

(e) The Courtship of Miles Standish (1858)

H.W. Longfellow's other collections include Ballads (1841), Evangeline (1847), Hiawatha (1855), The Courtship of Miles Standish (1858) and Tales of a Wayside Inn (1863).

15. **Ans : D**

Singular

Alumna (Feminine)

Plural

Alumnae

16. **Ans : B**

S - Person or thing doing the action or being described / discussed.

V - Expresses an action or a state of being

O - Receiver of action answers the question what? /Whom?

C - Helps to complete the sentence. When it tells more about the object it is 'Obj' 'Complement'

A - Answers the question When? Where? How? When? It gives additional meaning

You wrote me a letter yesterday
S V IO DO A

(V - Wrote, IO (Whom?) - me, DO (What?) - a letter, A (When?) - yesterday)

They play football every evening
S V O A

(V - Play, O (What?) - Football, A (When?) - every evening)

She went to Chennai
S V A

(Action verb - went, A - Where? - to Chennai)

He has donated his eyes
S V O

(Action verb - has donated, O (what?) - his eyes)

17. **Ans : D**

British English

Odour

Cheque

Grey

Apologise

American English

Odor

Check

Gray (US spelling of grey)

Apologize



18. **Ans : A**

(A) Neither Kamal nor Rahim was present at the conference. - Correct
Two or more singular subjects connected by or, nor, either.... or, neither... nor, take a singular verb.

(B) One of the machines are defective - Incorrect

One of the machines is defective - Correct

'One of' - followed by a singular verb

(C) He is one of the talkative boy in the class - Incorrect

He is one of the most talkative boys in the class - Correct

'One of' - followed by a Plural noun

(D) This is a hardly nut to crack - Incorrect

This is a hard nut to crack - Correct

Adjective 'hard' describes the noun 'nut'

19. **Ans : B**

(a) Earnestness - Seriousness, sincere and intense conviction; Earnest people are very serious and sincere in what they say or do

(b) Construed - Interpreted

Construe - interpret (a word or action) in a particular way.

Synonyms: interpret, understand, read

Ex -in the early years he construed as stubbornness

(c) Stranded - Rendered unable to move further, a person or vehicle that is stranded is unable to move from the place where they are stuck

(d) Opulence - lavishness, richness, great wealth or luxuriousness

(e) Jostle - If people jostle you, they bump against you or push you in a way that annoys you, usually because you are in a crowd and they are trying to get past you.

Ex - Women jostle for position with their containers

20. **Ans : B**

(a) In Celebration of Being Alive - Dr. Christian Barnard

'In Celebration of Being Alive' is an extract from a speech of Dr. Christian Barnard, the first doctor to perform a heart transplant surgery. The doctor recounts an incident involving two critically ill children whose zest for life made him understanding how important it is to celebrate being alive.



(b) Vision for the Nation - Extract from Abdul Kalam's India 2020

Vision for the Nation from 'India 2020' – Abdul Kalam's. It is edited by 'S. Muthukrishnan

(c) Hiroshima – is a Prose by F. Raphael. This prose is about "The very cruel bomb" compelled the Empire of Japan to Surrender to the Americans

(d) The Portrait of a Lady by Khushwant Singh traces the phases of a boy's relationship with his grandmother while growing up.

(e) Tight Corners – Edward Verall Lucas

In the essay 'Tight Corners' E.V. Lucas points out that tight corners can be both mental as well as physical but the mental tight corner is too much to bear

21. **Ans : D**

❖ Swami Vivekananda says, "Take up one idea. Make that one idea your life – think of it, dream of it, live on that idea. Let the brain, muscles, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success

22. **Ans : C**

(a) Philip sletherby is a character in 'A shot in the dark' by saki.

Philip Sletherby - a man who aspires to become a politician

(b) Della, James Dillingham Young - The Gift of the Magi

The Gift of the Magi is a short story by the American writer O. Henry written and published in 1905

Characters: Della is Jim's loving housewife who lives in abject poverty in New York City.

Jim is also known as James Dillingham Young.

(c) "The Last Leaf" is a short story by O. Henry published in 1907

It is a short story about three artists and an outbreak of pneumonia in their neighbourhood.

Main living characters of this story were, Sue, Johnsy and Mr. Behrman, a painter and Doctor and a non-living character Mr. Pneumonia.

(d) The Refugee is a short story by Pearl S. Buck. Genre: social problem.

Theme: the aftermath of a natural disaster. Setting: city in China; flood.

Characters: old man, Old man's grandson, noodle vendor, passer-by

(e) Holiday is story by Rabindranath Tagore



Phatik's maternal uncle, Bhisvambhar proposed that he take Phatik to Calcutta

Bhisvambhar Babu is Phatik's maternal uncle

23. **Ans : D**

(D) Abhinav Bindra - A Shot at History

A Shot at History: My Obsessive Journey to Olympic Gold - Olympic gold medalist Abhinav Bindra's autobiography

(A) De Profundis Oscar Wilde's Autobiography

De Profundis (Latin: "from the depths") is a letter written by Oscar Wilde during his imprisonment in Reading Gaol, to "Bosie" (Lord Alfred Douglas).

(B) Sachin Tendulkar - Playing it my way

Indian cricket legend Sachin Tendulkar is all set for a new start as a comic book hero with his autobiography 'Playing It My Way' being converted for children. This biography of Sachin Tendulkar provides detailed information about his childhood, life, achievements, works and timeline

(C) Khushwant Singh – 'Truth, Love and A Little Malice', the autobiography of the famous author and journalist Khushwant Singh, was published by Penguin India as new edition in 2003. He chronicles in this book some of the seminal historical and political events that have marked the Indian socio-political scene in his lifetime, i.e. since 1915

24. **Ans : D**

1. The given line is taken from the poem 'A Sonnet for my Incomparable mother' by F. Joanna. When she grew up, her mother made her daughter independent of her by giving her a life partner. She is no more dependent on her mother.

2. The given lines are taken from the poem "The Flying Wonder" by Stephen Vincent Benet. Wright brothers accepted the fact that birds have feathers but they were united in the fact that it wouldn't stop them from building a machine of the air. They built a glider first and another

3. The given line is taken from the poem 'Be Glad Your Nose Is on Your Face' by Jack Prelutsky. Despite all difficulties our nose is placed between our eyes and chin

4. The given lines are taken from 'Earth' by Khalil Gibran

The poet walked over the plains and climbed the Rocky Mountains. The poet entered into earth's caves. In the caves he touched the mysteries of earth



25. **Ans : D**

- ❖ In 1988, Kalpana Chawla started work at NASA Ames Research Centre. Kalpana Chawla married Jean – Pierre Harriosn, a flight instructor, drawn towards him probably because of her fascination for flying

26. **Ans : B**

- ❖ Option 'B' – Incorrect
- ❖ The Second Vision – Developed India not dependent India
- ❖ The first vision, seeded around 1857, was for India to become politically independent; the second one is to become a fully developed nation.

27. **Ans : A**

(a) Check out – Pay the bill when leaving a hotel, settle one's hotel bill before leaving.

Ex - "don't forget to hand in your room key when you check out"

(b) Cut off – Disconnect; to separate from others; isolate, to remove

Ex - The telephone's been CUT OFF because we didn't pay the bill.

Synonyms – to interrupt, to discontinue the supply of, to bring to an end

(c) Take off – Depart from ground, If something such as a product, an activity, or someone's career takes off, it suddenly becomes very successful

Ex - They need to include more people if the scheme's going to really take off

(d) Keep off - to stay or cause to stay at a distance (from), to prevent something from touching or harming something

Ex - She held an old piece of cloth over them both to keep the rain off.

(e) Pick up - an increase or improvement, recover

Pick up - a person who is picked up:

Ex - The taxi driver said I was the first pickup that he'd had all evening.

28. **Ans : B**

- ❖ Please give me an ice cube.

'An' (singular) – used before words beginning with vowel sound – an ice cube

29. **Ans : D**

- ❖ 'Every morning' – Keyword to use Simple Present Tense (V1)
- ❖ I drink a glass of milk every morning - Simple Present Tense (V1)



30. **Ans : D**

(a) Sekar or his brothers have done it.

Verb agrees with the subject nearer to it. The subject nearer to the verb is 'brothers' (plural) hence we use a plural verb 'Have'

(b) Neither Lekha nor Leela has been selected.

When two or more subjects in the singular are joined by 'or', 'nor', 'either...or', 'neither...nor', the verb would be singular

(c) The Correspondent and the Principal are attending a meeting

The posts are held by two different persons. Hence the verb is plural.

(d) The Arabian Nights' is an interesting book

When plural noun is the name of one thing it takes a singular verb. Hence the singular verb 'is' to be used

31. **Ans : B**

- ❖ A suffix is a letter or a group of letters linked to the end of a word. By adding suffixes, the grammatical function of the words gets changed
- ❖ Entertain + ment = Entertainment
- ❖ Obtain + able = Obtainable
- ❖ Hard + ship = Hardship
- ❖ Magnet + ism = Magnetism
- ❖ Child + like = Childlike

32. **Ans : C**

- ❖ The teacher who taught Helen Keller the word 'Water' was Anne Sullivan
- ❖ The day Anne Sullivan arrived Helen's life began to change. She began to teach Helen by writing on her palm
- ❖ She learnt the word water. Helen says "Someone was drawing water and my teacher placed my hand under the spout. As the stream rushed over one hand, She spelled into the other, the word, 'Water', first slowly, then rapidly. I stood still, my whole attention fixed...suddenly I felt a thrill...and somehow the mystery of language was revealed to me" Do you know Helen learnt 30 new words that day.

33. **Ans : B**

(B) T.S. Eliot, in full Thomas Stearns Eliot, (born September 26, 1888, St. Louis, Missouri, U.S.—died January 4, 1965, London, England), American-English poet, playwright, literary critic, and editor, a leader of the Modernist movement in poetry in such works as The Waste Land (1922) and Four Quartets (1943).



(A) Vinayaka Krishna Gokak was born on 09-08-1909 in Savanur, Haveri in the state of Karnataka, India. He was an Indian Writer, Professor, Novelist, Poet, Scholar and Author.

(C) Thomas Hardy - (2 June 1840 – 11 January 1928) was an English novelist and poet. He was born in 1840 in the English village of Higher Bockhampton in the county of Dorset
He was a popular Wessex novelist

(D) "Frederic Ogden Nash (August 19, 1902 – May 19, 1971) was an American poet well known for his light verse.

34. **Ans : D**

(a) Lady Anstey, Mr. Henderson - The Helping Hand

Lady Anstey - in 'Helping hand' by E.M. Forster. Lady Anstey's book on Giovanni da Empoli. Her book on Giovanni da Empoli was totally a pure plagiarism

Mr. Henderson explains his theories to Lady Anstey. Lady Anstey publishes Mr. Henderson's ideas. Mr. Henderson is upset; Mrs. Henderson is pleased for Lady Anstey and her success

(b) Colonel Dumoulin – A character from the short story "Two Friends" by Guy de Maupassant

Colonel Dumoulin – gives the password to Monsieur Sauvage

(c) Mr. Framton Nuttel – a young man who came to visit Mrs. Sappleton in the story 'The Open Window'.

(d) 'How the Camel Got its Hump' is a short story by Rudyard Kipling

Characters – Camel, Horse, Dog, Ox, Man, Djinn of All Deserts

In the middle of a Howling Desert, at the beginning of years, when the world is new and the animals are just beginning to work for Man.

(e) Characters from 'The Singing lesson' by Katherine Mansfield

Miss. Meadows - Miss Meadows, 30 years old, music teacher

Basil is 25 years old – Miss Meadows' fiancé

Miss Wyatt, the headmistress'

35. **Ans : B**

❖ H.W. Longfellow's great fame began with the publication of his first volume of poems Voices of the night in 1839 which included 'A Psalm of Life', one of nineteenth century's best – loved poems



36. **Ans : A**

- ❖ Where the Mind is Without Fear - by Rabindranath Tagore. The poem is written in the form of a prayer to the God, the Almighty for a true freedom for his country. And thus Tagore reveals his own concept of freedom throughout the poem
- ❖ It was originally composed in Bengali possibly in 1900 under the title "Prarthana", meaning prayer. It appeared in the volume called 'Naibedya' in 1901.
- ❖ In 1915, Tagore got the knighthood by George V, but he renounced his knighthood in protest against the 1919 Jallianwala Bagh massacre.

37. **Ans : D**

(a) To follow knowledge like a sinking star

The given line is taken from 'Ulysses' by Alfred Tennyson

A Simile is usually introduced by words of comparison such as – like, so, as

The pursuit of knowledge is directly compared to a sinking star using the word "Like"

(b) Allusion is a brief and indirect reference to a person, place, thing or idea of historical, cultural, literary or political significance.

The given line is taken from the poem 'Snake' by D. H Lawrence.

Making an allusion to "Sicilian July" and "Etna smoking"

Allusion → Making a reference

On the day of Sicilian July → a day from the month of July in Sicily

Sicily, the largest Mediterranean island in Italy

Etna → a volcanic mountain in Sicily.

Geographical reference is made. so, it is Geographical Allusion

(c) The given line is taken from the poem "O Captain! My Captain" by Walt Whitman

When a writer talks straight to an abstract idea or inanimate object (thing that can't possibly answer back) it's called an "apostrophe".

The speaker is calling out to his own heart, then you've got an apostrophe. This is a call to an abstract thing that can't possibly answer back.

(d) Tracking through your telescope my upward shooting star

The given line is taken from the poem "Off to Outer Space Tomorrow Morning" by Norman Nicholson

The poet compares the space craft to a shooting star



Generally, shooting stars make downward journey into the atmosphere of the earth. This shooting star makes an upward journey away from the atmosphere.

What is the upward shooting star?

The space craft is the upward shooting star.

38. **Ans : B**

(a) Importance of character

But it is not merely knowledge that will help you or help any class of human beings by itself. Along with that knowledge there is another requisite that you must secure and that is character.

(b) Following her first space flight, in 1997, Chawla said, "The Ganges valley looked majestic, mind – boggling". "Africa looked like a desert and the Nile a vein init."

(c) Gandhij said, "Woman is the companion of man, gifted with equal mental capacities"

(d) Nations are built by the imagination and untiring enthusiastic efforts of generations. One generation transfers the fruits of its toil to another which then takes forward the mission.

39. **Ans : B**

The given statement is in passive voice

'Last year' – keyword to use simple past tense

Last year, the Green – India scheme was announced by the Government (was + V3) Passive Voice

Simple past tense

Active Voice

V2

Passive Voice

Was / Were + V3

40. **Ans : B**

S - Person or thing doing the action or being described / discussed.

V - Expresses an action or a state of being

O – Receiver of action answers the question what? /Whom?

C – Helps to complete the sentence. When it tells more about the object it is 'Obj' Complement

A – Answers the question When? Where? How? When? It gives additional meaning

It has been raining continuously for two days

S

V

A

A

(A (How?) – continuously, A (How Long?) - For two days)



41. **Ans : A**

Option 'A' – Incorrect tag

(A) Imperative sentences that express a polite request, obligation, suggestion, invitation, impatience, warning etc.

take 'will or would' as verbs in the question tag.

Don't ever meddle with my papers, will you? (warning)

(B) Though the subjects 'someone, somebody, anyone, anybody, no one, nobody, everything, everyone and everybody' are singular in meaning, the pronoun 'they' is used in the question tag.

e.g. Everyone will attend the party, won't they?

(C) Sentences that begin with 'Let's...' take 'shall we?' as the question tag.

Let's all go to the beach this evening, shall we?

(D) The given statement is positive hence the tag should be negative

Auxiliary verb – 'can', Pronoun – You

Hence the tag for the statement is - You can manage by yourself, can't you?

42. **Ans : C**

❖ Blending is the word formation process in which parts of two or more words combine to create a new word. The meaning of those words is often a combination of the original words

- Picture + Element = Pixel
- Telephone + telegram = Phonogram
- Smoke + fog = Smog
- Teleprinter + Exchange = Telex
- Television + broadcast = Telecast

43. **Ans : C**

❖ I regained my strength and I started playing again – Compound sentence

❖ I regained my strength – Main Clause

❖ I started playing again – Main Clause

❖ Two main clauses connected by 'and'

❖ Having regained my strength, I started playing again – Simple sentence

❖ Having regained my strength – Phrase

❖ I started playing again – Main Clause



44. **Ans : C**

- ❖ Speaker : Portia
- ❖ The king's sceptre represents his earthly power, the symbol of majesty, the focus of royal authority. The king's royal staff is a symbol of his earthly power and he is feared
- ❖ But Mercy is above this (sceptre) earthly power

45. **Ans : A**

- ❖ One morning the Giant was lying awake in bed when he heard some lovely music. It sounded so sweet to his ears that he thought it must be the King's musicians passing by. It was really only a little linnet singing outside the window, but it was so long since he had heard a bird sing in his garden that it seemed to him to be the most melodious music in the world.

46. **Ans : A**

- ❖ I am eager to set off on the trek to the glacier. Mr. Rare, the KMVN (Kumaon Mandal Vikas Nigam) manager, is helpful and tells me that his father, Khem Nam, could act as guide on my trek. Khem Nam turns out to be fully 65 years old, a veteran of these valleys.
- ❖ The Bhutias, who once ruled the trade routes, may have lost their business, but they have retained their enterprise. It is heartening to meet Laxmi, our porter, the following morning. He is a sturdy young man and seems like just the support frail Khem Nam and I need.

47. **Ans : A**

- ❖ Ahimsa means Non-violence or non-injury; the wish to not injure springs up automatically when you realize that you are not separate from the world around you.
- ❖ Ahimsa is a Sanskrit word meaning "non-violence." The term is derived from the root word himsa, meaning "to cause pain," and the prefix, a, that means "not."
- ❖ In a broader sense, ahimsa means "universal love and compassion."

48. **Ans : D**

- ❖ 'The Tempest' - An Extract from Charles Lamb's Tales from Shakespeare
- ❖ There was an island in the sea, the only inhabitants of which were an old man, named Prospero, and his daughter Miranda, a very beautiful young lady. She came to this island so young, that she had no memory of having seen any other human face than her father's.



49. **Ans : C**

(a) Remember Caesar (Play) - Gordon David

The humorous play 'Remember Caesar' by Gordon David revolves around Lord Weston's mistaken threat to his life.

(b) The Lottery Ticket is a short story by Anton Chekhov. In this story he dramatizes the unleashing of selfish and cruel impulses in the human mind when it is lured by the prospect of sudden riches

(c) The Never – Never Nest – whose playwright is Cedric Mount

The Never, Never Nest reflects the greed of youngsters to own more and more luxurious articles on loans, paying huge instalments and spending their entire lifetime repaying the loans incurred.

(d) Every Living Thing is a short story by James Herriot

(e) "Two Friends" is a short story by the French author Guy de Maupassant, tells the story of Monsieur Morissot and Monsieur Sauvage, who meet and form a friendship while fishing. Published in 1882

50. **Ans : A**

Alliteration is the repetition of the same consonant sound in several nearby words

(a) Perhaps the plaintive numbers flow

The given line is taken from the poem 'The Solitary Reaper' by William Wordsworth

Alliterated Words – Perhaps – Plaintive

(b) Know where we're laid

The given lines are taken from 'Women's Rights' by Annie Louisa Walker

Alliterated Words – where – we

(c) Learn to labor and to wait

The given lines are taken from 'A Psalm of Life' by H.W. Longfellow

Alliterated Words – learn – labor

(d) Where the owls were hovering

The given lines are taken from the poem 'English Words' by V.K. Gokak

Alliterated Words – Where – were



(e) And depart peaceful, pacified and thankless

The given line is taken from the poem "Snake" by D.H. Lawrence.

Alliterated words in the given line: Peaceful Pacified

51. **Ans : C**

- (A) Familiarity - Noun
- (B) Zeal - Noun
- (C) Dangerous - Adjective
- (D) Acceptance - Noun

52. **Ans : C**

- ❖ The Future Perfect Tense is used to denote an action that is assumed to have been completed by a specific period of time. It is also used to make predictions about future completed actions
- ❖ Future Perfect Tense – Will / Shall + Have + V3
- ❖ My brother will have left before you return (Future completed action)

53. **Ans : B**

Option 'B' – Active voice

- (A) Websites are used for official government postings, information and forms – Passive voice (are + V3)
- (B) The Governor inaugurated the exhibition at ten o' clock - Active voice (V2)
- (C) The sweets are distributed – Passive voice (are + V3)
- (D) Technology is described as the application of scientific knowledge – Passive voice (is + V3)

54. **Ans : A**

(a) To be at logger heads - If two or more people or groups are at loggerheads, they disagree very strongly with each other.

He is at loggerheads with the Prime Minister over public spending.

(b) Break even - Make no profit or loss, reach a point in a business venture when the profits are equal to the costs, to have no profit or loss at the end of a business activity

"The firm will break even at the operating level this year"

(c) Apple of one's eye - a person or thing that is very precious or much loved, something or someone very precious or dear

His youngest daughter was the apple of his eye.

(d) A cat in a fish shop - Enjoying oneself thoroughly



I thought I would be as happy as a cat in a fish shop to have such a long holiday

(e) Feather in one's cap – Something one may feel proud of, An accomplishment or achievement that one takes pride in.

Ex -Harry's appointment to this important post was a feather in his cap.

55. **Ans : C**

(a) A Man is standing by the side of the bus

By – Next to

(b) Ravi stayed with his Uncle for six months

For- preposition of time used for duration of time.

In the given sentence

Ravi stayed with his uncle for a period of six months. (The sentence is about duration)

So, the correct preposition is 'for'

(c) The tea should be put straight into the pot.

'into' is used for the movement of a noun from one status to an other status.

(d) She placed the dishes on the table.

On - Used to express a surface of something, Use 'on' when one thing is attached to or touching something.Ex: On the table., On the floor., On the chair.

I put an egg on the kitchen table.

56. **Ans : A**

(a) Henry Wadsworth Longfellow (February 27, 1807 – March 24, 1882) was an American poet and educator whose works include "Paul Revere's Ride".

(b) Frederic Ogden Nash (August 19, 1902 – May 19, 1971) was an American poet well known for his light verse, of which he wrote over 500 pieces.

(c) Thomas Stearns Eliot (1888 – 1965) was an essayist, a critic, a playwright and a pioneering poet of the twentieth century. He attended Smith Academy in St. Louis and then the Milton Academy in Massachusetts.

(d) Anna Louisa Walker (23 June 1836 in Staffordshire – 7 July 1907 in Bath, Somerset) was an English and Canadian teacher and author. She was the author of five novels and two collections of poetry, and edited an autobiography



57. **Ans : D**

(a) Walt Whitman was born in Long Island in the United States of America in 1819. He took teaching for some time and started his own newspaper, 'The Long islands'

(b) David Herbert Lawrence (1885-1930) occupies a unique position among the leading Modernist writers of the generation that came of age before the outbreak of the First World War.

(c) H.W. Longfellow's great fame began with the publication of his first volume of poems Voices of the night in 1839, which included 'A Psalm of Life', one of the nineteenth century's best – loved poems. His works are musical, mildly romantic, high – minded and flavoured with sentimental preachment

(d) Pearl S. Buck, short story writer and translator spent many years in China, as a result of which many of her books have a Chinese background. She was awarded the Pulitzer prize in 1932 and the Nobel prize for literature in 1938.

58. **Ans : A**

(a) In My Several Worlds: A Personal Record, Pearl S. Buck contrasts her life growing up in China with life in the United States

(b) H.W. Longfellow's other collections include Ballads (1841), Evangeline (1847), Hiawatha (1855), The Courtship of Miles Standish (1858) and Tales of a Wayside Inn (1863).

(c) Far from the Madding Crowd (1874) is Thomas Hardy's fourth novel and his first major literary success. The novel is the first to be set in Hardy's fictional region of Wessex in rural south west England.

(d) Cymbeline, Winter's Tale

Winter's Tale - Cymbeline, The Winter's Tale, Tempest are a Romantic plays by Shakespeare

(e) Gitimalya (A Garland of Songs), Gora

Gitimalaya (A Garland of Songs) is a collection of famous Bengali Poems written by Rabindranath Tagore in 1914.

Gora (meaning "Fair-Faced") - is a novel by Rabindranath Tagore, set in Calcutta (now Kolkata), in the 1880s during the British Raj



59. **Ans : D**

1. The given lines are taken from 'The Man He Killed' by Thomas Hardy
The Poet stared a man in the face and shot him. The man also shot at the speaker. The speaker "killed him in his place"

2. The above lines are taken from 'A Psalm of Life' by H.W. Longfellow
'Solemn' means serious, stern and gloomy and 'main' is an open ocean. In the above phrase the poet has compared this life to a stern and gloomy ocean. Many people face difficulties in crossing this ocean of life. So they sometimes lose their hope and become pessimistic. The poet talks about the theme of leaving a 'footprint' to inspire others to follow.

3. The given lines are taken from the poem 'Women's Rights' by Annie Louisa Walker

These lines are addressed to the male and those who suppress the woman i.e. to the society at large. This poem expresses the wishes of women.

Women's rights cannot be robbed. Women like to enjoy many rights. Men cannot deny them their rights. Women have a mission. They are strong and powerful. Men should not ignore their thoughts.

4. Till the bridge you will need be form'd, till the ductile anchor hold,
The given line is taken from the poem 'A Noiseless Patient Spider' by Walt Whitman

The soul will continue its search. The bridge it needs is death to connect the earthly life to the heavenly. It continues till the feeble anchor of the soul holds on, till the filament is fixed firmly

The soul keeps looking for an anchorage – till the link it looks for – the bridge is attained

60. **Ans : C**

(a) Ballad – A poem or song narrating a story in short stanzas. Traditional ballads are typically of unknown authorship, having been passed on orally from one generation to the next; short narrative folk song

Synonyms: song, folk song, shanty, ditty,

(b) Laborious – hard working

(c) Quaint – strange, Attractively unusual or old-fashioned.

(d) Insidious – proceeding in a gradual, subtle way, but with very harmful effects; spreading gradually or without being noticed

(e) Staccato – It means short, abrupt and a series of detached sounds

Shipli works constantly, breaking the rock using hammers. The poet describes this sound as 'staccato rhythm'



61. **Ans : A**

(a) And I thought of the Albatross

The given line is taken from the poem 'Snake' by D.H. Lawrence

A sea bird common in the Pacific and Southern Oceans Here, the reference is to Samuel T Coleridge's 'The Rime of the Ancient Mariner'. The Mariner shoots the albatross, a traditional symbol of good luck.

(b) Bur ranged as infantry

The given line is taken from the poem "The Man He Killed" by Thomas Hardy
Infantry - Foot Soldiers

The man was a soldier in the war the speaker fought in. The poet and the soldier of the opposite camp were fighting face to face, that is, fighting each other.

(c) A Geode can split to reveal

The given lines are taken from the poem 'Beautiful Inside' by Paul Holmes

A geode is a rock containing a cavity which is lined with crystals or other mineral matter. A geode splits when a crack causes water to seep through it

(d) The vessel grim and daring – Metaphor for Ship

The ship is said to be worrying (Human quality)

Grim - worrying, without hope

Daring - brave and taking risks.

62. **Ans : A**

❖ Pearl S. Buck, short story writer and translator spent many years in China, as a result of which many of her books have a Chinese background. She was awarded the Pulitzer prize in 1932 and the Nobel prize for literature in 1938.

63. **Ans : A**

(a) We have a holiday on the tenth of this month

'The' – used before Ordinal numbers – The tenth

(b) "What an amazing modell!" whispered Hughie

'An' (singular) – used before words beginning with vowel sound – an amazing model

(c) The Banyan is a kind of Fig tree

No article after 'Kind of'

Here, fig is used as a general class of trees. Meaning Banyan belongs to the class of trees called as Figs.



(d) I bought a book this morning. I am reading the book now.

'A' (Singular) – Used before words beginning with consonant sound – a book

64. **Ans : D**

S - Person or thing doing the action or being described / discussed.

V - Expresses an action or a state of being

O – Receiver of action answers the question what? /Whom?

C – Helps to complete the sentence. When it tells more about the object it is 'Obj' 'Complement'

A – Answers the question When? Where? How? When? It gives additional meaning

Kandhan bought a bag yesterday
S V O A

(V – bought, O (What?) – a bag, A (When?) – yesterday)

Kumar gave Janani a rose
S V IO DO

(V – gave, IO (Whom?) – Janani, DO (What?) – a rose)

This shoes is large
S V C

(V- is, C – Large (after 'Be' verbs we use 'C'))

He was elected captain at the meeting
S V C A

(C (Job / Title) – Captain, A (Where?) – at the meeting)

65. **Ans : C**

Singular **Plural**

Genie - Genii / Genies

Genii (also genies), a plural form of genie

66. **Ans : D**

❖ **British English**

Maize

Biscuit

Crossroads

Draughts

Goods

American English

Corn

Cookie / Cracker

Intersection

Checkers

Freight



67. **Ans : C**

- ❖ Gerund – V + ing (a verb form which functions as a noun)
- ❖ Gerunds are 'Verbal Nouns'
- ❖ Jessie enjoys bothering others
- ❖ Can you teach painting?
- ❖ The gerunds / Verbal Nouns functioning as the 'Object' of the sentence

68. **Ans : D**

- ❖ 'The Merchant of Venice' is a comedy play by William Shakespeare
- ❖ As the merry-making commences, there comes a letter from Antonio. His ships are lost at sea, and hence unable to pay his debt, he has to keep his word with Shylock, and offer him a pound of his flesh. Portia offers money but Shylock insists on a pound of Antonio's flesh as mentioned in the bond

69. **Ans : B**

- ❖ Hughie feared an adverse reaction from the Baron because he had mistaken him for a beggar. He had even offered him a sovereign. He wondered how the Baron would react to his silly gesture

70. **Ans : B**

(a) I look deeply into its visage, trying to etch in my mind every detail of the vast expanse of the valley and the forlorn abandoned village, blessed by a goddess no less than Nanda Devi herself.

(b) For three days our paths first takes us upstream along the Goriganga, and then into the shrouded Milam valley where the narrow gorges afford few views.

(c) Icicles hang from abandoned roofs, and fields of creamy snow line the tops. Facing the ghost village stand the twin peaks of Nanda Devi main and Nanda Devi east.

(d) I turn a corner and there below, in a hidden nook sandwiched between two glaciers, stand the twin ponds of Dudh and Suraj Kund with the stunning icefall forming a magnificent backdrop

(e) We are camped at Ragash Kund, a little pond with a shepherd's cave on a grassy meadow above the glacier, where we sit out the bad weather for two days and nights.

71. **Ans : B**

- ❖ The above extract is taken from A Birthday Letter by Jawaharlal Nehru
- ❖ Jawaharlal Nehru says, "Even so in our private lives let us make friends with the sun and work in the light and do nothing secretly and if you do so, my dear, you will grow up a child of the light, unafraid and serene and unruffled, whatever may happen."



72. **Ans : A**

- ❖ Option 'A' – Incorrect
- ❖ She became the first Indian or Indian – American to fly in the US Space Shuttle. She made history by becoming the first Indian born woman to achieve this feat, for she had sought American citizenship in the early 90's
- ❖ Chawla's inspiration to take up flying was JRD Tata, Who flew the first mail flights in India
- ❖ On Feb 1st 2003, a breezy blue day over Florida, during entry, the Space shuttle exploded into a ball of fire, 16 minutes prior to scheduled landing. Kalpana Chawla and the other six crew members died.

73. **Ans : B**

(a) Kolattam is one such folk dance originated in the state of Tamil Nadu
Karakattam is an ancient folk dance of TN performed in praise of the rain goddess Mariamman

(b) Tamasha Dance is one of the famous dances of Maharashtra.
Kathakeertan is a traditional form of dance which is done by women experts.
This dance is a folk dance form and many people of Maharashtra love to enjoy it

(c) Kathakali is a dance form of Kerala. Kathak is a classical dance form revitalised as a result of Mughal influence on Indian culture
Kaikottikali or thiruvathirakali is one of the most famous group-dances of women of Kerala to mark the festival seasons Onam.

(d) Bhangra is a traditional and lively form of folk dance which originates from Punjab.
Giddha dance is a very popular dance style in Punjab of India and it is practiced all over the Punjab province.

(e) Ghoomar, Kalbelia, Bhavai, Chirami, Gair, Tera Tali
Ghoomar is a traditional folk dance of Rajasthan
Kalbelia or Kabeliya is a dance from Rajasthan, performed by the tribe of the same name.

74. **Ans : A**

- (A) Very few Indian languages are as ancient as Tamil – Positive degree
- (B) This is the most interesting book that I have ever read – Superlative degree
- (C) Abdul is more industrious than most other boys in the class – Comparative Degree
- (D) Afra is one of the most talented players in the team – Superlative degree



75. **Ans : D**

Option 'D' – Incorrect

(D) ~~Have~~ you walked fast, you would have caught the train - Incorrect

Had you walked fast, you would have caught the train – Third Conditional
Third Conditional

If Clause : If + past perfect (had + V3)

Main Clause : would have + past participle (would have + V3)

(A) If you lend me some money, I can buy a new car

First Conditional

If Clause : 'if' + Present tense (lend)

Main Clause : will, won't, can, can't, shall, shan't, may etc (can buy)

(B) If he studied wells, he would pass the exam

Second Conditional

If Clause : If + Simple past tense (V2) (studied)

Main Clause : 'would/wouldn't' + V1 (would pass)

(C) If she asked me, I would help her

Second Conditional

If Clause : If + Simple past tense (V2) (asked)

Main Clause : 'would/wouldn't' + V1 (would help)

76. **Ans : D**

(A) When the day broke, birds came out of their nests – Complex sentence

When the day broke – Dependent Clause

Birds came out of their nests – Main Clause

(B) It is really surprising that he has not been arrested by the police – Complex Sentence

It is really surprising – Main Clause

that he has not been arrested by the police – Dependent Clause

(C) He has not been arrested by the police and it is really surprising - Compound Sentence

He has not been arrested by the police – Main Clause

it is really surprising – Main Clause

Two Main Clauses connected by 'and'

(D) Providing direction to your behaviour, goals guide your thoughts and action – Simple Sentence

Providing direction to your behaviour – Phrase

Goals guide your thoughts and action – Main Clause



77. **Ans : D**

- ❖ Success does not mean the absence of failures.
- ❖ It means the attainment of ultimate objectives.
- ❖ It means winning the war, not every battle. – said by Edwin C. Bliss

78. **Ans : C**

(a) Trivial - of little value or importance; unimportant and not serious
Antonym - important, significant, serious, profound

(b) Despise - feel contempt or a deep repugnance for; detest; abhor; hate; abominate

Antonyms – Admire; desire; like; respect

There are many people who despise the snake but there are as many who admire it

(c) Risible - provoking laughter through being ludicrous or connected with laughter; causing laughter; laughable; funny; amusing; not effective or useful; absurd

Antonyms – Serious; earnest

(d) Degrade - treat or regard (someone) with contempt or disrespect; humiliate; debase

Antonym- ennoble; give (someone) a noble rank or title; elevate; dignify

(c) Retaliation - the action of returning a military attack; counter-attack.

Ex - "the bombings are believed to be in retaliation for the trial of 15 suspects"

Synonyms: revenge, vengeance, reprisal, retribution,

Antonym - mercy, forgiveness, submission and acceptance.

79. **Ans : A**

- ❖ A Prefix is a letter or a group of letters which is added to the beginning of a word in order to modify its meaning.
- ❖ Ultra + Violet = Ultraviolet
- ❖ Mal + Formation = Malformation
- ❖ Multi + National = Multinational
- ❖ Bi + Sect = Bisect
- ❖ Uni + Lateral = Unilateral

80. **Ans : D**

- ❖ A rhyme is a repetition of similar sounding words occurring at the end of lines in poems or songs.
- ❖ 'He gives his harness bells a **shake**



- ❖ To ask if there is some **mistake**.
- ❖ The only other sound's the sweep
- ❖ Of easy wind and downy **flake**.'
- ❖ The Rhyming Words of the above stanza are – Shake – mistake - flake
- ❖ The Rhyming scheme for the given lines – a a b a

81. **Ans : A**

Options – B, C and D – Simile is used

Option A – Metaphor is used

Simile is a comparison between two objects of different kinds which have same resemblance. A Simile is usually introduced by words of comparison such as – like, so, as

(A) The given line is taken from the poem “The Solitary Reaper” by William Wordsworth

An implied simile is a Metaphor

In these lines Wordsworth compares the girl's singing to that of the cuckoo bird.

And that cuckoo-song, according to our speaker, was one of the only sounds that broke the calm silence of the seas near the Hebrides.

The highland lass's voice is way more thrilling than the cuckoo's spring-time song in the Hebrides

(B) Like homing bees you borrow

The given line is taken from the poem ‘English Words’ by V.K. Gokak.

English words compared to Honey bees

Honey bees collect honey from many flowers and save in their hives. In the same way English words enrich the language by borrowing sweet words from other languages.

(C) Like a king in exile

The given line is taken from the poem ‘Snake’ by D. H Lawrence

For this time the snake seemed to the poet **like** a king, a king in exile and one who has lost his crown in the underworld, waiting to be crowned again.

(D) How glad I was he had come like a guest in quiet, to drink at my water – trough

The snake is compared to a guest

The poet was glad that the snake had visited his water-trough and that it was like a silent guest for a drink. It departed peacefully but thankless back into the earth.



82. **Ans : B**

Options A, C and D – utterances of Shylock

Option 'B' – Utterance of 'Duke'

(B) You are welcome: take your place

Speaker – Duke

In the above lines the Duke enquires if Portia was fully aware of the background of the case.

(A) Speaker – Shylock

'Christian' – refers to Antonio

When Portia asked Shylock to cut a pound of flesh from Antonio's body without shedding a drop of Christian blood. Shylock said that he would thrice the money offered and let the Christian go

(C) I cannot find it; 'tis not in the bond

Speaker : Shylock

Play : The Merchant of Venice

When Portia asks Shylock to have a surgeon on charity to stop the bleeding of Antonio

Shylock says 'I can't find it. It's not in the contract.'

(D) The speaker of the given line was 'Shylock'. Shylock says that he prays for what the law entitles to him. He takes all the responsibility for his decisions. He wants the law, the penalty, and the fulfilment of his contract.

83. **Ans : A**

(a) 'After the Storm' is a story by Deepa Agarwal

Main Character - Saruli, a wiry girl of thirteen - Old Diwan Singh was the headman of Saruli's village - Jaman and Radha are Saruli's friends - Lal Sing is one of the four men to collect the resin - D.F.O – District Forest Officer

(b) (The Farmer – Thakazhi Sivasankara Pillai)

Thirumulpad – Landlord at Vaikom

The lease-rent paddy was carried to the landlord's house. The landlord was a Thirumulpad.

(c) Holiday is story by Rabindranath Tagore

Bagha Bagdi (a servant) appeared and said, 'Phatik – dada, Mother's calling you.'

(d) Sue – Painter



The Last Leaf" is a short story by O. Henry published in 1907. Main living characters of this story were, Sue, Johnsy and Mr. Behrman and Doctor and a nonliving character Mr. Pneumonia.

(e) Mr. Parsons – blind man

Mr. Parsons and Markwadt were the two victims of a chemical explosion that had occurred 14 years before in Westbury

84. **Ans : A**

- ❖ 'Him' here refers to Baron Hausberg
- ❖ The speaker is Hughie
- ❖ Trevor smiling said to Hughie, "that old beggar as you call him is one of the richest men in Europe. He is Baron Hausberg.
- ❖ "Good Heavens! I gave him a sovereign!" and he sank into an armchair.

85. **Ans : A**

- ❖ The above quote is taken from 'The Ceaseless Crusader'
- ❖ Mahatma Gandhi said about the equity for women
- ❖ This is what Mahatma Gandhi tells us about women in general and husband-wife relationship in particular: "To call women the weaker sex is libel; it is man's injustice to women." Mahatma Gandhi "The wife is not the husband's bond-slave but his companion and his help-mate and an equal partner in all his joys and sorrows – as free as the husband to choose her own path.

86. **Ans : B**

- ❖ Don't be afraid of failure. Failure is an accepted procedure in experimenting, research, testing and all scientific forms of "finding out". Failure is simply the means of finding out what will not work so that it can be eliminated in the search for what will work. So there is no need to think of failure as something to be feared and avoided.

87. **Ans : A**

(a) 'It' in the above lines refers to 'Mercy'

In the above lines Portia says that the king earns greater respect when he is merciful

(b) Speaker : Shylock

Play : The Merchant of Venice

Shylock said "nothing anyone can say will change my mind. I'm sticking to the contract."



(c) Speaker – Brutus

Brutus speaking to Citizens

Then I have offended no one. I've done no more to Caesar than you will do to me.

(d) Speaker – Mark Antony

Antony says I am not here to disprove what Brutus has said, but to say what I know

88. **Ans : D**

1. Gandhiji said, "Any tradition, however ancient, if inconsistent with morality, is fit to be banished from the land. Untouchability may be considered an ancient tradition, the institution of child widowhood and child marriage may be considered to be an ancient tradition along with some of the horrible beliefs and superstitious practices which offend the human dignity. "I would sweep them out of existence if I had the power"

2. Srikanth - Passion is the key word. When I say passion, you do something with your heart and soul. When you do something with passionate interest, you'll always be successful in life.

3. Nehru - Great leaders have something in them which inspires a whole people and makes them do great deeds.

4. The above extract is taken from 'Music – The Hope Raiser'

Astronomy was seen as the study of relationships between observable, permanent, external objects, and music was seen as the study of relationships between invisible, internal, hidden objects.

89. **Ans : D**

❖ The above extract is taken from 'Our Heritage – A Timeless Marvel'

❖ The Art Gallery at the palace has an impressive line-up of granite and bronze monolithic statues, with details of excavation and century of origin clearly displayed. The magnificent monolithic statues evince energy and life; the auras in their eyes beam a story of fine craftsmanship and effort. I also did notice a Buddha statue from the Pallava era here.

90. **Ans : C**

❖ ZIP codes are a system of Postal Code used by the United States Postal Service (USPS).



- ❖ Zip is an Acronym for Zone Improvement Plan. The basic format consists of 5 digits

91. **Ans : B**

- ❖ 'A Voice so thrilling ne'er was heard
- ❖ In spring – time from the cuckoo – bird
- ❖ Breaking the silence of the seas
- ❖ Among the farthest Hebrides'
- ❖ The given lines are taken from the poem 'The Solitary Reaper' by William Wordsworth
- ❖ In these lines the poet compares the girl's singing to that of the cuckoo bird. And that cuckoo-song, according to our speaker, was one of the only sounds that broke the calm silence of the seas near the Hebrides. The highland lass's voice is a way more thrilling than the cuckoo's spring-time song in the Hebrides

92. **Ans : B**

(a) Effect - a change which is a result or consequence of an action or other cause.

Ex - "the lethal effects of hard drugs"

(b) Affect - have an effect on; make a difference to, impact on

Ex - "the dampness began to affect my health"

(c) Popular - Something that is popular is enjoyed or liked by a lot of people. Chocolate sauce is always popular with youngsters.

(d) Populous - A populous country or area or place has a lot of people living in it; full of residents or inhabitants

China is the world's most populous country

93. **Ans : C**

Options A, B and D – are the poetic lines from 'Shilpi' by Ashwin Parthiban

Option 'C' – is a poetic line from 'To a Millionaire' by Archibald Lampman

(A) and (B) Bleary – not focussing

Shilpi works days together to finish a statue. After days of hard work, his eyes are so tired (bleary), and his muscles are tense. Yet, he is steady

He smoothens the outer sharp edges into well moulded curves

(D) Shilpi is a sculptor who has got years of practice in the field. He works days together to finish a piece. He works constantly, breaking the rock using hammers. Once the sculpture is complete, he watches the work from the eyes of a critic. He scrutinizes his work of art with his bloodshot eyes.



94. **Ans : A**

Where words come out from the depth of truth

The poet wants his countrymen to be fearless. Thus he wants words to come out from the depth of truth, words that are sincere and honest, words that are devoid of deceit and falsity.

Where tireless striving stretches its arms towards perfection

'Tireless striving' refers to working hard with full zeal and enthusiasm, without getting tired at all. The poet wants everyone to work hard to reach their goal, and in the long run to reach perfection. . He thinks they should not be tired by working. People should not be lazy and ignoring their work.

95. **Ans : B**

- ❖ Option 'B' – Incorrect
- ❖ In the above passage
- ❖ 'They' refers to 'The Snow and the Frost'
- ❖ The only people who were pleased were the Snow and the Frost. "spring has forgotten this garden," they cried, "so we will live here all the year round."

96. **Ans : D**

- ❖ The Mark of Vishnu by Khushwant Singh critically and unfold every aspect of the work. The work is a critique of superstitions and blind faith which lead to disaster.
- ❖ The author pin points how ignorant and superstitious people believe that all life is sacred. The main theme of "The Mark of Vishnu" by Khushwant Singh is the clash between modernity and tradition, more specifically between science/reason and superstition. A sub-theme of the story is that of the blind faith and its consequences.

97. **Ans : B**

1. The given line is taken from 'Be the Best' by Douglas Malloch

All of us cannot be the captain because the crew field is also waiting for someone. If all are captain by themselves then everything just would become a mess. There is some work for everyone to do in this world

2. The given lines are taken from the poem 'Sonnet No: 116' by William Shakespeare

The poet says that he will not allow himself to admit that true love has any restrictions i.e. True love should not admit impediments

'Admit impediments' - manifest allusion to the words of the Christian Marriage Service:

Where the priest asks the people gathered if they have any objections to the couple getting married. "Impediments" means Obstacles.



3. The given lines are taken from the poem "O Captain! My Captain!" by Walt Whitman

'The fearful trip' is the Civil War'

The poet laments over the death of Lincoln, which is great loss for the nation. Weathered – Come safely through. 'Weathered every rack' - America has braved the tough storm of the Civil War safely, and "the prize we sought", the preservation of the Union, "is won". The ship is a metaphor for the United States, The United States have stayed together, and having passed through the war, are safe again.

4. The given lines are taken from the poem 'The Solitary Reaper' by Wordsworth. The Solitary Reaper" opens with the speaker directing our attention to the song of a solitary reaper. Solitary Reaper was single in the field reaping and binding the grains in the field and was singing to herself.

98. **Ans : A**

- ❖ The above lines talk about the dynamism and bravery of Lakshmibai
- ❖ Accompanied by 350 people, Lakshmi bai rode for twenty four hours continuously until she caught with Tantia Tope in Kalpi. Meanwhile Rao Sahib Rao's nephew joined Tantia Tope and Lakshmibai. All the three went to Gwalior to seek support from Scindia of Gwalior.

99. **Ans : B**

(a) Acrophobia – Fear of heights, abnormal or pathological dread of being in a high place

(b) Agoraphobia - extreme or irrational fear of open or public places; an abnormal fear of being in crowds, public places, or open areas, sometimes accompanied by anxiety attacks.

(c) Cardiologist - a doctor who specializes in the study or treatment of heart diseases and heart abnormalities.

(d) Ophthalmologist - Ophthalmologists are physicians specializing in the comprehensive medical and surgical care of the eyes and vision.

(e) Philanthropist - a person who seeks to promote the welfare of others, especially by the generous donation of money to good causes.



100. **Ans : C**

- ❖ The paddy fields here were nourished by monsoon rains, supplemented by water from large wells called Yettrams, which have all but vanished from the rural scene today. Yettrams were extensively used during my boyhood to draw water from these large, square, irrigation wells.

101. **Ans : A**

- ❖ The Constituent Assembly was met for the first time on 9 December 1946.
- ❖ It took a period of 2 years, 11 months, and 18 days for the complete the Constitution.
- ❖ It was completed on 26th November 1949. Now, This day is being observed as the Constitution Day.
- ❖ The constitution came into existence from 26 January 1950. This day has been observed as the Republic Day
- ❖ Amount of 64 lakh was spent in making the Constitution

102. **Ans : B**

- ❖ The Tenth schedule was added by the 52nd Amendment Act of 1985, also known as Anti-defection Law.
- ❖ Purpose is to curb political defection by the legislators (MPs/MLAs)

103. **Ans : C**

Features	Country
Fundamental rights, independence of judiciary, judicial review, impeachment of the president, removal of Supreme Court and high court judges and post of vice-president	USA
Fundamental duties and the ideal of justice (social, economic and political) in the Preamble	Soviet
Concurrent List, freedom of trade, commerce and intercourse, and joint sitting of the two Houses of Parliament.	Australian
Federation with a strong Centre	Canadian Constitution

104. **Ans : D**

- ❖ L.M. Singhvi Committee (1986) recommends constitutional status for Panchayati Raj Institution.



- ❖ The 73rd Amendment Act of 1992 gave constitutional recognition to the panchayats (rural local governments) by adding a new Schedule 11 to the Constitution.
- ❖ Similarly, the 74th Amendment Act of 1992 gave constitutional recognition to the municipalities (urban local governments) by adding a new Part IX-A and a new Schedule 12 to the Constitution

105. **Ans : C**

- ❖ Lothal is situated on the banks of river Bhogva (a tributary of Sabarmati river) in Gujarat.
- ❖ A naval dockyard has been discovered in Lothal in Gujarat.
- ❖ It was first excavated in 1957 by S R Rao.

106. **Ans : A**

Books	Author
Devichandraguptam and Mudrarakshasa	Visakhadatta
Harshacharita	Bana
Ratnavali, Nagananda, Priyadharshika	Harsha
Si-Yu-Ki	Hiuen-Tsang

107. **Ans : C**

- ❖ Kumaragupta I, who built the famous Nalanda University
- ❖ Eight Mahapatashalas and three large libraries were situated on the campus of Nalanda University.
- ❖ Nalanda University was ravaged and destroyed by Mamluks (Turkish Muslims) under Bhaktiyar Khalji in 1193.

108. **Ans : C**

- ❖ The Ashta Pradhan was a council of eight ministers, which was formed in 1674 by Chatrapati Shivaji.
- ❖ Eight eminent scholars known as Ashtadiggajas were at Krishna Deva Raya royal court.
- ❖ Chandragupta II was also known as 'Vikramaditya'. His court had nine jewels or Navaratnas, nine people eminent in various fields of art, literature and science.

109. **Ans : A**

- ❖ Kaziranga TR – located in Assam
 - Known for One Horned Rhino
 - Recently affected by Flood



- ❖ Rajaji Tiger Reserve – Uttarakhand
- ❖ Buxa National Park – West Bengal
- ❖ Keoladeo Ghana National Park – Rajasthan
- ❖ Seshachalam Hills – Andhra Pradesh
 - One of the biosphere
- ❖ Loktak Lake – Manipur
 - Largest fresh water lake in North East India
- ❖ World's only floating National Park – Keibul Lamjao National Park is located here

110. **Ans : A**

- ❖ Hottest Planet in our solar system - Venus
- ❖ Planet has highest number of moons - Jupiter
- ❖ Planet with longest rotational period - Venus
- ❖ Planet known as God of War - Mars

111. **Ans : B**

- ❖ Sentinel tribes are present in Andaman and Nicobar Islands

112. **Ans : C**

- ❖ Subansiri, Kameng, Manas and Sankosh are the tributaries of Brahmaputra River

113. **Ans : B**

- ❖ A Prime number is the number which has only 2 factors 1 and the number itself. Hence 1 is the only common factor for 2 prime numbers making it H.C.F.

114. **Ans : C**

3, 6, 9, 12 111.

1st term $a = 3$

Common difference $d = 6 - 3 = 3$

Last term $t_n = 111$

Let No. of terms be 'n'

$$t_n = a + (n-1)d$$

$$111 = 3 + (n-1)3$$

$$\frac{108}{3} = n-1$$

$$36 = n-1$$

$$\therefore n = 37$$

\therefore No. of terms = 37.



115. **Ans : B**

Given,

$$\text{Diameter } d = 2.8 \text{ m}$$

$$\text{Radius, } r = 1.4 \text{ m}$$

$$\text{Height} = 3 \text{ m}$$

$$\begin{aligned} \text{Area Covered in one revolution} &= \text{C.S.A of the cylinder} \\ &= 2\pi rh = 2 \times \frac{22}{7} \times 1.4 \times 3 \\ &= 26.4 \text{ m}^2 \end{aligned}$$

$$\text{Area Covered in 1 revolution} = 26.4 \text{ m}^2$$

$$\text{Area Covered in 8 revolutions} = 8 \times 26.4 = 211.2 \text{ m}^2$$

116. **Ans : B**

Let the original radius of the sphere be '100'

$$\begin{aligned} \text{Original surface area of the sphere} &= 4\pi r^2 \\ &= 4 \times \frac{22}{7} \times 100 \times 100 \end{aligned}$$

$$\text{New radius} = 100 + 25\% \text{ of } 100 = 100 + \frac{25}{100} \times 100 = 125$$

$$\begin{aligned} \text{New surface area of the sphere} &= 4\pi r^2 \\ &= 4 \times \frac{22}{7} \times 125 \times 125 \end{aligned}$$

$$\text{Increase in surface area} = \frac{y-x}{x} \times 100$$

$$= \frac{\left(4 \times \frac{22}{7} \times 125 \times 125\right) - \left(4 \times \frac{22}{7} \times 100 \times 100\right)}{4 \times \frac{22}{7} \times 100 \times 100} \times 100$$

$$= \frac{1375000 - 880000}{8800}$$

$$= \frac{495000}{8800}$$

$$= 56.25\%$$

117. **Ans : B**

$$\text{Diameter of cylinder (A)} = 7 \text{ cm}$$

$$\text{Radius,} = \frac{7}{2} \text{ cm}$$

$$\text{Height} = 21 \text{ cm}$$

$$\begin{aligned} \text{Volume of cylinder} &= \pi r^2 h \\ &= \frac{22}{7} \times \frac{7}{2} \times \frac{7}{2} \times 21 \\ &= 808.5 \text{ cm}^3 \end{aligned}$$

$$\text{Diameter of cylinder (B)} = 21 \text{ cm}$$



$$\begin{aligned}\text{Radius,} &= \frac{21}{2} \text{ cm} \\ \text{Height} &= 7 \text{ cm} \\ \text{Volume of Cylinder} &= \pi r^2 h \\ &= \frac{22}{7} \times \frac{21}{2} \times \frac{21}{2} \times 7 \\ &= 2425.5 \text{ cm}^3\end{aligned}$$

$$\begin{aligned}\therefore \text{Difference between the volume} \\ \text{of Cylinder A \& Cylinder B} &= 2425.5 - 808.5 \\ &= 1617 \text{ cm}^3\end{aligned}$$

118. **Ans : C**

STATE	CHIEF MINISTER
Odisha	Naveen Patnaik – 5 th Consecutive time
Andhra Pradesh	Jagan Mohan Reddy – Sworn in as CM on 30 th May 2019 Party: YSR Congress Party

119. **Ans : B**

AWARDS / PRIZES	PERSON / ORGANIZATION
Bharat Ratna 2019	Pranab Mukherjee
	Nanaji Deshmukh - Posthumously
	Singer Bhupen Hazarika - Posthumously
Awards under Swasth Bharat Yatra	Best State Overall: Tamil Nadu
	Best States with a population above 3 crore: Gujarat, Madhya Pradesh, Uttar Pradesh and Maharashtra
	Best States having a population less than 3 crore: Punjab, Goa and Delhi
	Special awards: Meghalaya, Jammu and Kashmir and Uttarakhand were given special awards for their participation despite their hilly and difficult terrain
Ashoka Chakra	Lance Naik Nazir Wani posthumously
Padma Shri Awards 2019 – Tamil Nadu	Bangaru Adigalar – Founder of Melmaruvathur Temple
	Sharath Kamal – Table Tennis Player
	Narthaki Nataraj – Transgender Bharathanatyyam dancer



	Madurai Chinnappillai – Social Worker
	R V Ramani – Founder of Sankara Eye foundation
	Anandan Sivamani - Musician
	Ramaswami Venkataswami – Medicine (doctor)
Padma Shri Awards 2019 – Karnataka	Prabhu Deva
Padma Shri Awards 2019 – Sports	Bachendri Pal - Padma Bhushan Awards
	Sunil Chhetri
	Harika Dronavalli
	Gautam Gambhir
	Sharath Kamal
	Bombayla Devi Laishram
	Bajrang Punia
	Prashanti Singh
	Ajay Thakur

120. **Ans : A**

Books	Author
Cricket World Cup: The Indian Challenge	Ashis Ray
“My Life, My Mission” - Autobiography	Baba Ramdev
Function of Data Sovereignty – The Pursuit of Supremacy	Vinit Goenka
Adventures of the GST Man	Srinivas Kotni
Lessons Life Taught Me, Unknowingly - Autobiography	Anupam Kher
Game Changer	Autobiography of Shahid Afridi
Politics of Jugaad: The Coalition Handbook	Saba Naqvi
Chequered Brilliance: The Many Lives of V K Krishna Menon	Jairam Ramesh – Former Union Minister
Indian Fiscal Federalism	Y. V. Reddy and G.R. Reddy

121. **Ans : D**

- ❖ The Japan Aerospace Exploration Agency (JAXA) launched Hayabusa-2 into space in December 2014.



- ❖ Its mission: explore and collect samples from Ryugu, a primitive asteroid half-a-mile in diameter that orbits the sun at a distance up to 131 million miles (211 million kilometers).
- ❖ The probe reached its destination in June 2018, then got to work making observations, measuring the asteroid's gravity, and rehearsing to touch down.
- ❖ It blasted the asteroid with a copper plate and a box of explosives in April in order to loosen rocks and expose material under the surface, then successfully landed on Ryugu last night to gather up the rock and soil debris.

122. **Ans : B**

- ❖ 32nd District - Tiruppur
- ❖ 33rd District - Kallakurichi
- ❖ 34th District - Tenkasi
- ❖ 35th District - Chengalpattu

123. **Ans : B**

- ❖ Gilbert Slater- Some South Indian villages.
- ❖ Lionel Robbins -“An Essay on the Nature and Significance of Economic Science” in 1932.
- ❖ Alfred Marshall (1842-1924)-“Principles of Economics” (1890)
- ❖ J.M. Keynes-‘General theory of ‘Employment, Interest and Money’ published in 1936.

124. **Ans : B**

- ❖ Bitcoin- virtual money
- ❖ Debit Card- plastic money

125. **Ans : D**

- ❖ State bank of India is public commercial bank. All other institutions are regulatory in nature and they does not involve any commercial functions.

126. **Ans : D**

- ❖ Correct statement about why the automobiles (two wheelers) are designed with sharp noses
 - To reduce air resistance against the automobile
 - To reduce fuel consumption by the automobile engine
 - To increase the speed of the automobile
- ❖ Incorrect statement
 - To reduce the cost of vehicle



127. **Ans : B**

- ❖ The computer data in Optical Fibre Cable is transmitted in the form of Light through Total Internal Reflection principle

128. **Ans : D**

- ❖ Lithium-Ion Cell is rechargeable battery (Cell) is used in automobile?
- ❖ It is mainly used in e-Vehicle
- ❖ Dry Cell – Primary Cell
- ❖ Lechlanche cell - Primary Cell
- ❖ Daniel cell - Primary Cell

129. **Ans : A**

- ❖ X-rays are produced using Coolidge Tube
- ❖ Cathode Ray Tube used for producing Cathode Ray
- ❖ Perforated Cathode used for producing Anode Ray

130. **Ans : B**

Verdict	Case
Preamble is not a part of the Constitution.	The Berubari Union case, 1960
Preamble is a part of the Constitution.	Kesavananda Bharati case, 1973
Preamble is an integral part of the Constitution.	LIC of India case, 1995

131. **Ans : D**

- ❖ The 42nd Amendment Act of 1976 added a new Part XIV-A to the Constitution. This part is entitled as 'Tribunals' and consists of only two Articles—Article 323 A and 323 B.
- ❖ The 97th Constitutional Amendment Act of 2011 added a new Part IX-B, which is entitled as "The Cooperative Societies".
- ❖ Emergency Provisions in a Part XVIII
- ❖ Elections in a Part XV

132. **Ans : B**

- ❖ Lokayukta was established first in Maharashtra in 1971.
- ❖ Although Odisha had passed the Act in this regard in 1970, it came into force only in 1983.



133. **Ans : A**

Article	Deals
Article 110	Definition of 'money bills'
Article 112	Annual financial statement (budget)
Article 148	Comptroller and Auditor General of India
Article 280	Finance Commission

134. **Ans : A**

- ❖ Rajaraja Chola-I was a follower of Saivism.
- ❖ Devaram was collected and codified only during his period.
- ❖ He constructed the Brahadeeswara Temple at Tanjore in 1010 A.D.

135. **Ans : C**

- ❖ In 1924, Periyar took an active part in the Vaikom Satyagraha. The objective of the Satyagraha was to secure for untouchables the right to use a road near a temple at Vaikom in Kerala.
- ❖ In 1925, he started the "Self-Respect Movement". The aims of the 'Self - Respect Movement' were to uplift the Dravidians and to expose the Brahminical tyranny and deceptive methods by which they controlled all spheres of Hindu life.
- ❖ He propagated 14 points of the Socialists Manifesto after his return from Europe.
- ❖ Periyar's Script Reform was accepted by Government of Tamil Nadu in 1978.

136. **Ans : A**

Year	Venue	INC President
1885	Bombay	W.C.Bannerji (First President)
1886	Calcutta	Dadabhai Naoroji
1887	Madras	Badruddin Tyabji (first Muslim President)
1888	Allahabad	George Yule (first English President)
1905	Banaras	G.K.Gokhale
1907	Surat,	Rasbehari Ghosh
1917	Calcutta	Annie Besant (first woman President)
1919	Amritsar	Motilal Nehru (after Jallianwala bagh massacre)



1923	Delhi (sp.session)	Abul Kalam Azad (youngest President)
1924	Belgaum	M.K.Gandhi
1925	Kanpur	Sarojini Naidu (first Indian woman President)
1929	Lahore	J.L.Nehru (Poorna Swaraj resolution was passed)
1937	Faizpur	J.L.Nehru (first session in a village)

137. **Ans : D**

- ❖ Non Cooperation movement was abruptly called off on 11th February 1922 by Gandhi following the Churi Chaura incident in the Gorakpur district of U.P. Earlier on 5th February an angry mob set fire to the police station at Churi Chaura.
- ❖ Later Gandhi was arrested on 10 March 1922.

138. **Ans : C**

- ❖ The Montreux Record is a register of wetland sites on the List of Ramsar wetlands of international importance
- ❖ It contains a list of sites where changes in ecological character have occurred, are occurring, or are likely to occur as a result of technological developments, pollution or other human interference
- ❖ At present, 2 Indian sites are listed under it
 - Keoladeo National Park
 - Loktak Lake

139. **Ans : A**

- ❖ As per 2011 census, 16.68% is the gap in Male – Female literacy rate in India

140. **Ans : B**

- ❖ Port-led direct and indirect development is the prime objective of Sagarmala
- ❖ PM Gram Sadak Yojana – Rural Road development
- ❖ Bharatmala – Road and Railway crossing development
- ❖ Diamond Quadrilateral - high speed rail network in India. Connects Chennai,

141. **Ans : A**

- ❖ 4'0 clock rainfall the significant feature of Equatorial Region



142. **Ans : A**

$$x + y = 11 \longrightarrow \textcircled{1}$$

$$y = 11 - x$$

If the digits reversed, the new number is 9 less than the original number.

$$\text{Original number} = 10x + y$$

$$\text{Reversed number} = 10y + x$$

$$10y + x = 10x + y - 9$$

$$10y + x - 10x - y + 9 = 0$$

$$9y - 9x + 9 = 0$$

$$9y - 9x + 9 = 0$$

$$(-9y + 9x) = 9$$

$$x - y = 1 \longrightarrow \textcircled{2}$$

$$x + y = 11$$

$$x - y = 1$$

$$\hline 2x = 12$$

$$\therefore x = 6$$

$$6 + y = 11$$

$$\therefore y = 5$$

$$\therefore \text{Original number} = 10x + y$$

$$= 10 \times 6 + 5 = 60 + 5 = 65$$

143. **Ans : A**

Cost of three mathematics books & four science books,

$$3x + 4y = 216 \longrightarrow \textcircled{1}$$

Cost of three mathematics books is same as that of four science books

$$3x = 4y$$

$$x = \frac{4y}{3}$$

$$\text{Cost of Science book, } 3 \times \frac{4y}{3} + 4y = 216$$

$$8y = 216$$

$$y = 27$$

144. **Ans : C**

$$x^2 - y^2 = 45 \longrightarrow \textcircled{1}$$

$$y^2 = 4x \longrightarrow \textcircled{2}$$



$$x^2 - 4x = 45$$

$$x^2 - 4x - 45 = 0$$

$$x^2 - 9x + 5x - 45 = 0 = 0$$

$$x(x-9) + 5(x-9) = 0$$

$$(x+5)(x-9) = 0$$

$$x = -5, 9$$

Since 5 is in negative form, therefore $x = 9$

$$y^2 = 4 \times 9 = 36 = 6$$

$$\therefore x = 9, y = 6$$

145. **Ans : B**

Distance Covered = 90 km

Let the speed of the train = x km/hr

$$\text{Time} = \frac{\text{Distance}}{\text{Speed}} \Rightarrow t_1 = \frac{90}{x} \longrightarrow \textcircled{1}$$

$$\text{Speed} = (x+15) \text{ km/hr}$$

$$t_2 = \frac{90}{x+15} \longrightarrow \textcircled{2}$$

$$\text{Given, } t_1 - t_2 = 30 \text{ min}$$

$$\frac{90}{x} - \frac{90}{x+15} = \frac{1}{2} \text{ hr.}$$

$$90x + 1350 - 90x = x^2 + 15x \text{ hr.}$$

$$x^2 + 15x = 2700$$

$$x^2 + 60x - 45x - 2700 = 0$$

$$x(x+60) - 45(x+60) = 0$$

$$(x-45)(x+60) = 0$$

$$x = -60, 45$$

\therefore Original Speed of the train = 45 km/hr.

146. **Ans : D**

One year ago,

Let Age of Son be ' x '

$$\text{Age of man} = 8x$$

After one year,

$$\text{Age of Son} = x + 1$$

$$\text{Age of Man} = 8x + 1$$

$$8x + 1 = (x+1)^2$$

$$8x + 1 = x^2 + 2x + 1$$



$$\begin{aligned}
 x^2 - 6x &= 0 \\
 x(x - 6) &= 0 \\
 x &= 6 \\
 \text{Age of Son} &= x + 1 = 6 + 1 = 7 \\
 \text{Age of Man} &= 8 \times 6 + 1 = 48 + 1 = 49
 \end{aligned}$$

147. **Ans : C**

SATELLITES	COUNTRY	LAUNCH VEHICLE	PURPOSE	LAUNCH DATE
GSAT-31 (India's 40 th communication)	India	Ariane-5 VA-247	Augment the Ku-band transponder capacity in Geostationary Orbit	6 th February 2019
GSAT-29	India	GSLV MKIII-D2	It is a multiband and multi-beam satellite	14 th November 2018
NovaSAR and S1-4	United Kingdom	PSLV – C42 (44 th PSLV Rocket)	Forestry mapping, land use and ice cover monitoring, flood and disaster monitoring and maritime missions	16 th September 2018
EMISAT	India	PSLV-C45	Electromagnetic spectrum measurement	1 st April 2019
GSAT – 11 (India's Heaviest Satellite with Payload of 5854 kg)	India	Ariane- 5 (French Guiana)	It is the Communication Satellite which will help to increase the internet speed	5 th December 2018
GSAT – 7A (Angry Bird)	India	GSLV – F11	39 th Communication satellite. GSAT-7A is a military communications satellite meant for the Indian Air Force.	19 th December 2018
RISAT-2B	India	PSLV C-46	Radar imaging earth observation satellite	22 nd May 2019



148. **Ans : B**

- ❖ Union Interim Budget 2019-20:
- ❖ Session Started on: 31st January 2019 – President Presented Joint sitting of the Houses
- ❖ Presented on: 1st February 2019
- ❖ Presented by: Union Minister for Finance, Corporate Affairs, Railways & Coal, Mr. Piyush Goyal
- ❖ Concluded on: 13th February 2019

New Schemes Introduced in the Budget:

Pradhan Mantri Kisan Samman Nidhi scheme	Assistance to the small and marginal farmers with an assured supplemental income
Pradhan Mantri Shram Yogi Mandhan	Provide unorganized sector workers a comprehensive social security coverage for their old age
Rashtriya Kamdhenu Aayog	Enhance production and productivity of cows

149. **Ans : D**

S.No.	GI Tag	State
1.	Sirsi Supari	Karnataka
2.	<ul style="list-style-type: none">• Coorg Arabica Coffee• Chikmagalur Arabica Coffee• Bababudangiris Arabica Coffee• Araku Valley Arabica Coffee• Wayanad Robusta Coffee	Karnataka Karnataka Karnataka Andhra Pradesh Kerala
3.	Marayur Jaggery	Kerala
4.	Erode Turmeric	Tamil Nadu
5.	Thirubuvanam Silk Sarees	Tamil Nadu
6.	Namma Kolhapuri chappal	Maharashtra & Karnataka
7.	Kandhamal Haldi	Odisha
8.	Alphonso mango	Maharashtra
9.	Shahi Litchi	Bihar



150. **Ans : C**

❖ Major International Awards Conferred on Prime Minister Narendra Modi

Zayed Medal / Order of Zayed 2019	UAE
Order of St Andrew the Apostle	Russia
Great Collar of the state	Palestine
Champions of the Earth Award 2018	UN
Amir Abdullah Khan Award	Afghanistan
King Abdullaziz Sash Award	Saudi Arabia

151. **Ans : D**

106 th Indian Science Congress	Theme: 'Future India: Science and Technology'	Jalandhar, Punjab	3 rd – 7 th January, 2019
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152. **Ans : B**

❖ NITI Aayog report,

Sl.No	Indicator	Tamilnadu	India
1	IMR	17	34
2	MMR	79	159
3	Life Expectancy		
	Total	70.6	67.9
	Male	68.6	66.4
	Female	72.7	69.6
4	Literacy Rate		
	Total	80.33%	74.04%
	Male	86.81%	82.14%
	Female	73.86%	65.46%
5	Sex Ratio	995	940

153. **Ans : C**

- ❖ The New Development Bank (NDB) .It's headquarters is at Shanghai,
- ❖ China. The New Development Bank (NDB) formerly referred to as the BRICS Development Bank was established by BRICS States. The first BRICS

summit was held at Moscow and South Africa hosted the Tenth Conference at Johannesburg in July 2018. India had an opportunity of hosting fourth and Eighth summits in 2012 and 2016 respectively.

154. **Ans : B**



155. **Ans : A**

- ❖ **Pradhan Mantri Kisan Samman Nidhi** is an initiative by the government of India in which all small and marginal farmers will get up to ₹6,000 per year as minimum income support. The initiative was announced by Piyush Goyal during the 2019 Interim Union Budget of India on 1 February 2019

156. **Ans : C**

- ❖ The three major antioxidant vitamins are beta – carotene, Vitamin C and Vitamin E,
- ❖ Prunes, Apples, Plums and Onions are also rich in antioxidants.

157. **Ans : A**

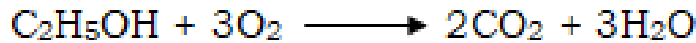
- ❖ Aqua regia is a mixture of concentrated nitric acid and hydrochloric acid, optimally in a molar ratio of 1:3. Aqua regia is a yellow – orange fuming liquid, so named by alchemists because it can dissolve the noble metals gold and platinum and silver.





158. **Ans : A**

- ❖ When ethanol is burnt, it reacts with oxygen and produces water and carbon dioxide. The combustion of ethanol is an exothermic reaction.



159. **Ans : C**

- ❖ Bleaching powder – CaOCl_2 – It is used as disinfectant. It is used in textile industry for bleaching cotton and linen.
- ❖ Bleaching powder also known as Calcium Oxychloride or Chloride of lime.
- ❖ Sodium bicarbonate – NaHCO_3 – Baking Soda – It is used in Soda acid fire extinguishers.
- ❖ NaHCO_3 – It neutralizes excess acid in the stomach and provides relief.
- ❖ Slaked lime – Ca(OH)_2 – used to manufacturing of fungicides.

160. **Ans : B**

- ❖ Cryolite – Na_3AlF_6
- ❖ Iron Pyrite – FeS_2
- ❖ Cuprite – Cu_2O
- ❖ Magnesite – MgCO_3

161. **Ans : C**

- ❖ Parathion
 - ❖ DDT
 - ❖ Carbofuran
- } Insecticides
- ❖ MCPA – 2 Methyl – 4- Chlorophenoxyacetic acid → used as a herbicide or weedicides.

162. **Ans : C**

- ❖ 124th Constitution Amendment Bill, 2019 provides ten per cent reservation to the economically weaker sections (EWS) in the General category.
- ❖ **It provides reservation for:**
 - People who have an annual income of less than Rs.8 lakhs.
 - People who own less than five acres of farm land.
 - People who have a house lesser than 1,000 sq feet in a town (or 100 sq yard in a notified municipal area)
- ❖ President Ram Nath Kovind gave his assent to a bill on 12-01-2019.
- ❖ The legislation will now be known as the Constitution (103rd Amendment) Act, 2019.



163. **Ans : D**

- ❖ Fundamental Rights (Articles 12 to 35) can be suspended during the operation of a National Emergency except the rights guaranteed by Articles 20 and 21.
- ❖ When a proclamation of national emergency is made, the six Fundamental Rights under Article 19 are automatically suspended.
- ❖ Article 19 guarantees to all citizens the six rights. These are:
 - (i) Right to freedom of speech and expression.
 - (ii) Right to assemble peaceably and without arms.
 - (iii) Right to form associations or unions or co-operative societies.
 - (iv) Right to move freely throughout the territory of India.
 - (v) Right to reside and settle in any part of the territory of India.
 - (vi) Right to practice any profession or to carry on any occupation, trade or business.

164. **Ans : C**

- ❖ According to Dr B R Ambedkar, the Directive Principles of State Policy is a 'novel feature' of the Indian Constitution.
- ❖ They are enumerated in Part IV of the Constitution. They can be classified into three broad categories—
 - 1) Socialistic,
 - 2) Gandhian
 - 3) Liberal-intellectual.

165. **Ans : A**

- ❖ On 26 October 1947, Jammu & Kashmir ruler Hari Singh signed the Instrument of Accession, the legal document that ceded J&K to the Dominion of India as per the Indian Independence Act 1947
- ❖ On November 1, 1954, the French possessions in India were de facto transferred to the Indian Union and Puducherry became a Union Territory.
- ❖ The Indian Prime Minister Lal Bahadur Shastri and the Pakistani President Muhammad Ayub Khan signed the Tashkent Agreement (On 10 January 1966) to bring peace in the wake of the Indo-Pakistani War of 1965.
- ❖ Operation Blue Star was carried out by the Indian Army in 1984 (ordered by Prime Minister Indira Gandhi) to flush out militants hiding in the Harmandir Sahib or the Golden Temple complex, in Amritsar.

166. **Ans : B**

- ❖ Two Home Rule Leagues were established, one by B.G. Tilak at Poona in April 1916 and the other by Mrs. Annie Besant at Madras in September 1916., which based on Irish Model.



- ❖ While Tilak's Movement concentrated on Maharashtra, Annie Besant's Movement covered the rest of the country.
- ❖ The aim of the Movement was to get self- government for India within the British Empire.

167. **Ans : B**

- ❖ After arrest of Two popular leaders Satya Pal and Saifuddin Kitchlew ,the situation in Punjab was alarming as there were riots and protests against the Rowlatt Act.Punjab was put under martial law.
- ❖ On the day of the festival of Baisakhi on 13th April 1919 in Jallianwala Bagh, a public garden in Amritsar, a crowd of non-violent protestors had gathered with Common Civilians.
- ❖ The Lieutenant-Governor of Punjab at that time was Michael O'Dwyer. Lord Chelmsford was India's Viceroy.
- ❖ General Dyer came there with his troops and blocked the only narrow entrance to the garden.Dyer marched in and without any warning opened fire on the crowd.
- ❖ According to official report 379 people were killed
- ❖ The government set up the Hunter Commission to inquire into the massacre
- ❖ Rabindranath Tagore gave up his knighthood and Gandhiji relinquished his title 'Kaiser-e-hind'.
- ❖ Michael O'Dwyer (who had approved the actions of Brigadier General Dyer) was assassinated by Udham Singh in London in 1940 as revenge against the massacre.

168. **Ans : D**

- ❖ The Karachi Congress Session 1931 was presided over by Sardar Vallabhbhai Patel
- ❖ In the Karachi Session 1931, Indian National Congress adopted two resolutions one on fundamental rights and other on the national economic programme .

169. **Ans : B**

$$\begin{aligned}\frac{1}{x} + \frac{1}{x-6} &= \frac{1}{4} \\ \frac{x-6+x}{x(x-6)} &= \frac{1}{4} \\ 4(2x-6) &= x^2 - 6x \\ 8x - 24 &= x^2 - 6x \\ x^2 - 6x - 8x + 24 &= 0 \\ x^2 - 14x + 24 &= 0\end{aligned}$$



$$\begin{aligned}x^2 - 12x - 2x + 24 &= 0 \\x(x - 12) - 2(x - 12) &= 0 \\(x - 2)(x - 12) &= 0\end{aligned}$$

$$\Rightarrow \therefore x = 2 \text{ (or) } 12$$

'B' would take 12 days to complete the work.

170. **Ans : C**

$$\frac{2}{7} - \left\{ \left(\frac{1}{4} \times \frac{3}{2} \right) - \frac{5}{6} \right\}$$

$$\begin{aligned}\frac{2}{7} - \left\{ \frac{3}{8} - \frac{5}{6} \right\} &= \frac{2}{7} - \left\{ \frac{9 - 20}{24} \right\} \\&= \frac{2}{7} + \frac{11}{24} \\&= \frac{2 \times 24 + 11 \times 7}{24 \times 7} \\&= \frac{125}{24 \times 7} \\&= \frac{125}{168}\end{aligned}$$

171. **Ans : B**

Area of Square ABCD

Side of Square = 14 cm

$$\text{Area} = (\text{Side})^2 = (14)^2 = 14 \times 14 = 196 \text{ cm}^2$$

Area of 4 Circles

Since ABCD is a square

Hence, AB = BC = CD = AD = 14 cm

Now, diameter of each circle = $\frac{14}{2}$ cm = 7 cm

Radius = $\frac{7}{2}$ cm

$$\text{Area of one Circle} = \pi r^2 = \frac{22}{7} \times \frac{7}{2} \times \frac{7}{2} = \frac{77}{2} \text{ cm}^2$$

$$\text{Area of 4 Circles} = 4 \times \text{Area of one Circle} = 4 \times \frac{77}{2} = 154 \text{ cm}^2$$

$$\begin{aligned}\text{Area of shaded region} &= \text{Area of square} - \text{Area of 4 Circles} \\&= 196 - 154 = 42 \text{ cm}^2\end{aligned}$$

172. **Ans : B**

Let the annual Salary be 'x'

$$\frac{15}{100} \times x = 11,250$$



$$x = \frac{11250 \times 100}{15}$$

$$x = 75000$$

His annual Salary is Rs.75000/-

173. **Ans : A**

One family one job scheme	To provide employment to the youth of Sikkim	Government of Sikkim	12 th January 2019
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174. **Ans : A**

- ❖ Art. 370 & Art. 35A were scrapped from the Indian Constitution by the Union Government on 5th August 2019

175. **Ans : B**

CYCLONES	AFFECTED AREA	DATE	Named by
Cyclone Vayu	Gujarat	10 th June 2019 – 19 th June 2019	India
Cyclone Fani	Odisha	Formed on 26 th April 2019 Crossed on 3 rd May 2019	Bangladesh
Cyclone Idai	Mozambique	21 st March 2019	Zimbabwe
Cyclone Pabuk	Thailand	6 th January 2019	Japan
PHETHAI – 7 th Cyclone happened in 2018	Andhra Pradesh	17 th December 2018	Thailand
Cyclone GAJA	Nagapattinam, Thanjavur, Pudukottai, Thiruvavarur	16 th November 2018	Sri Lanka
Cyclone LUBAN	Oman	12 th October 2018	Oman
Hurricane LESLIE	Portugal & Spain	12 th October 2018	
Cyclone TITLI	Odisha	10 th October 2018	Pakistan



176. **Ans : D**

- ❖ Vijaya bank and Dena Bank were recently integrated with the Bank of Baroda

177. **Ans : C**

- ❖ **Chandrayaan – 2:** launched on 22nd July 2019-08-19
- ❖ **Lander:** Vikram
- ❖ **Rover:** Pragyan

178. **Ans : D**

179. **Ans : B**

- ❖ Artificial photosynthesis is a method for producing renewable energy by the use of sunlight. Indian scientist C.N.R.Rao who was conferred the Bharat Ratna 2013 is also working on similar technology of artificial. Photosynthesis to produce Hydrogen fuel.

180. **Ans : A**

- ❖ Pith is present at the centre. It is made up of parenchyma cells with intercellular spaces. It contains abundant amount of starch grains. It stores food.
- ❖ In Dicot young root contains pith where as in old root pith is absent.

181. **Ans : B**

- ❖ Judges of the Supreme Court holds office until he attains the age of 65 years. He can be removed from his office by the President on the recommendation of the Parliament.
- ❖ Judges of the High Court holds office until he attains the age of 62 years.

182. **Ans : B**

Given, Principal P = Rs.1,000/-

Compound rate R = 10% per annum = $\frac{10}{2}$ = 5% half - yearly

Time = 18 Months = 3 half-years

$$\begin{aligned} A &= P \left\{ 1 + \frac{R}{100} \right\}^n \\ &= 1000 \left\{ 1 + \frac{5}{100} \right\}^3 \\ &= 1000 \times \frac{21}{20} \times \frac{21}{20} \times \frac{21}{20} \\ &= \frac{9261}{8} \\ &= 1157.625 = 1157.63 \\ \therefore \text{C.I.} &= 1157.63 - 1000 = \text{Rs.}157.63/- \end{aligned}$$



183. **Ans : C**

$$\begin{aligned}\text{Differene between SI \& CI} &= P\left(\frac{r}{100}\right)^n \\ &= 8000 \times \left(\frac{10}{100}\right)^2 \\ &= 8000 \times \frac{1}{10} \times \frac{1}{10} \\ \text{Differene} &= \text{Rs.80/-}\end{aligned}$$

184. **Ans : A**

$$\begin{aligned}\text{C.P. of 10 Shirts} &= \text{S.P. of 8 Shirts} \\ \text{Let the C.P. of 1 shirt be 'x'} \\ \text{C.P. of 10 Shirts} &= 10x \\ \text{S.P. of 8 Shirts} &= 10x \\ \text{S.P. of 1 Shirt} &= \frac{10x}{8} \\ \text{Profit} = \text{S.P.} - \text{C.P.} &= \frac{10x}{8} - x \\ &= \frac{10x - 8x}{8} \\ &= \frac{2x}{8} = \frac{x}{4} \\ \text{Profit \%} = \frac{\text{Profit}}{\text{C.P.}} \times 100 &= \frac{\frac{x}{4}}{x} \times 100 \\ &= \frac{1}{4} \times 100 = 25\%\end{aligned}$$

185. **Ans : D**

- ❖ In rhombus, diagonals are not always equal. If diagonals are equal then it is called a square.

186. **Ans : A**

- ❖ **Sudhir Bhargava:** Chief Information Commisioner

187. **Ans : A**

- ❖ **M.S.Swaminathan:** 1st World Agriculture Prize

188. **Ans : C**

- ❖ Vision to become **\$5 trillion economy** driven by 'virtuous cycle' of investment India becomes 6th largest economy



189. **Ans : A**

- ❖ Closed circulatory system was discovered by William Harvey – 1628. Who is regarded the Father of Modern Physiology.
- ❖ William Beavmont was a surgeon who was known as the Father of Gastric physiology based on his observations he concluded that the stomach's strong hydrochloric acid played a key role in digestion.
- ❖ The concept of blood grouping was developed by Karl Landsteiner – 1900. He identified blood groups A, B and O. AB blood group was recognized by Decastello and steini – 1902.

190. **Ans : C**

- ❖ The small intestine is the longest part of the alimentary canal, which is a long coiled tube measuring about 5 to 7 m. I comprises three parts – duodenum, Jejunum and ileum.
- ❖ Duodenum – C.Shaped and receives the bile duct (From liver) and pancreatic duct (From Pancreas).
- ❖ Jejunum – is the middle part of the small intestine. It is a short region of small intestine.
- ❖ Ileum – forms the lower part of the small intestine and opens into the large intestine.
- ❖ Ileum is the longest part of the small intestine.
- ❖ It contains minute finger like projections called villi (1mm in length) where absorption of food takes place. They are approximately 4 million in number. Internally, each villus contains fine blood capillaries and lacteal tubes.
- ❖ The small intestine serves both for digestion and absorption.

191. **Ans : B**

- ❖ The original and reciprocal of 1 is same.

192. **Ans : A**

193. **Ans : B**

- ❖ **Pradhan Mantri Karam Yogi Maandhan Yojana:**
 - Pension benefits to retail traders and small shopkeepers
- ❖ **Pradhan Mantri Matsya Sampada Yojana (PMMSY):**
 - Establish robust fisheries management framework
- ❖ **MUDRA:**
 - WOMEN'S DEVELOPMENT TO WOMEN LED DEVELOPMENT
- ❖ **SAUBHAGYA:**
 - Electrification of all Households



194. **Ans : C**

- ❖ Milk is an excellent source of the nutrient of the body relies on to properly absorb calcium including Vitamin D, Vitamin K, Phosphorous and Magnesium.
- ❖ Milk and dairy products may prevent bone diseases like osteoporosis.
- ❖ The Principal constituents of milk are water, fat proteins and vitamin etc.

195. **Ans : B**

- ❖ 7 Men can complete a work in 52 days.
- ❖ 13 Men finish the same work = $\frac{7}{13} \times 52 = 28$ days

196. **Ans : D**

Let Milk = $7x$, Water = $3x$

Now, $7x + 3x = 30$

$$10x = 30$$

$$\therefore x = 3$$

So, Milk = $7 \times 3 = 21$ litres

Water = $3 \times 3 = 9$ litres

Now, we keep milk constant & add water to mixture to get ratio 3 : 7

Let milk in this mixture = $3y$ & Water = $7y$

$$\text{Water} = 7y = 7 \times 9 = 63 \text{ Litres}$$

63 Litres of water need to be added.

197. **Ans : C**

1st Case

Let, P = Rs.100, A = Rs.200

$$\text{S.I.} = 200 - 100 = 100$$

$$T = 16 \text{ Years}$$

$$\therefore R = \frac{100 \times \text{S.I.}}{P \times t}$$

$$\begin{aligned} \therefore R &= \frac{100 \times 100}{100 \times 16} \\ &= 6.25\% \end{aligned}$$

2nd Case

P = Rs.100, A = Rs.300

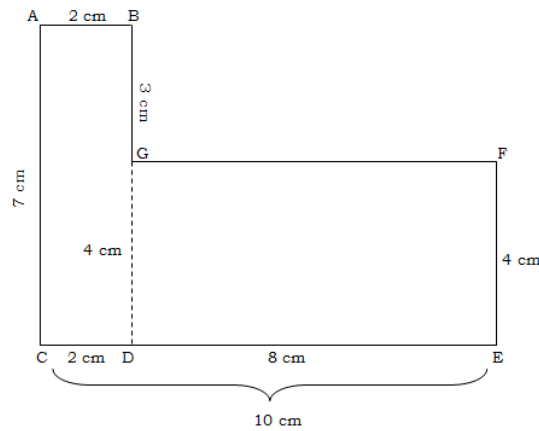
$$\text{S.I.} = 300 - 100 = 200$$

$$r = 6.25\%$$

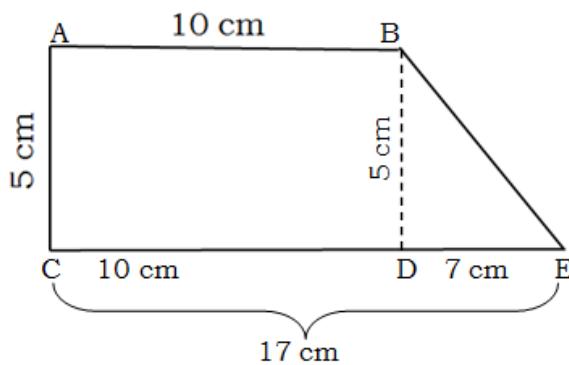
$$T = \frac{100 \times \text{S.I.}}{P \times r}$$

$$\begin{aligned} &= \frac{100 \times 200}{100 \times 6.25} \\ &= 32 \text{ Years} \end{aligned}$$

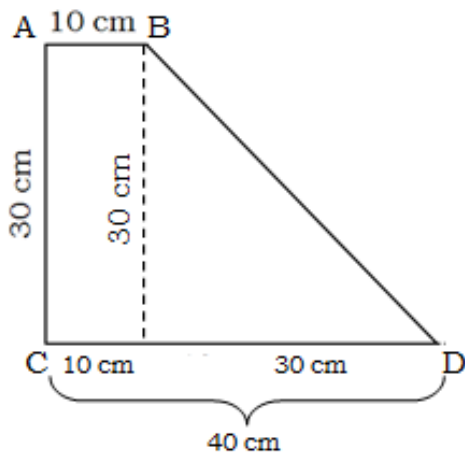
198. **Ans : C**



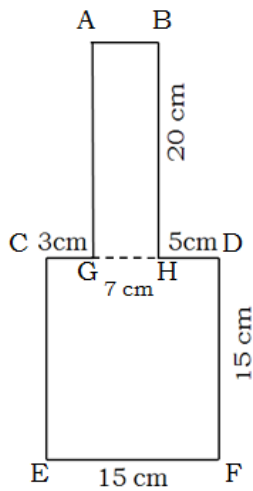
$$\begin{aligned}\text{Area of ABCD} &= 7 \times 2 = 14 \text{ cm}^2 \\ \text{Area of DGFE} &= 8 \times 4 = 32 \text{ cm}^2 \\ \text{Total Area} &= 32 + 14 = 46 \text{ cm}^2\end{aligned}$$



$$\begin{aligned}\text{Area of ABCD} &= 10 \times 5 = 50 \text{ cm}^2 \\ \text{Area of BDE} &= \frac{5 \times 7}{2} = \frac{35}{2} = 17.5 \text{ cm}^2 \\ \therefore \text{Total Area} &= 50 + 17.5 = 67.5 \text{ cm}^2\end{aligned}$$



$$\begin{aligned}\text{Area of ABCD} &= 30 \times 10 = 300 \text{ cm}^2 \\ \text{Area of BDE} &= \frac{30 \times 30}{2} = \frac{900}{2} = 450 \text{ cm}^2 \\ \therefore \text{Total Area} &= 300 + 450 = 750 \text{ cm}^2\end{aligned}$$



$$\begin{aligned}\text{Area of ABGH} &= 15 \times 20 = 300 \text{ cm}^2 \\ \text{Area of CDEF} &= 15 \times 15 = 225 \text{ cm}^2 \\ \therefore \text{Total Area} &= 300 + 225 = 525 \text{ cm}^2\end{aligned}$$

199. **Ans : D**

Angle representing expenditure

$$\begin{aligned}\text{incurred on paying royalty} &= \frac{15}{100} \times 360 \\ &= 54^\circ\end{aligned}$$

200. **Ans : A**

$$\text{Total distance} = \text{Speed} \times \text{Time}$$

$$= 55 \times 4 = 220 \text{ km}$$

$$\text{Now speed after increament} = 55 + 5 = 60 \text{ km/hr.}$$

$$\text{Time taken with new speed} = \frac{220 \text{ km}}{60 \text{ km/hr}} = 3 \frac{4}{6} \text{ hr.}$$

$$= 3 \text{ hr} + \frac{2}{3} \times 60$$

$$= 3 \text{ hr} + 40 \text{ min}$$

$$\text{Difference of time} = 4 \text{ hrs} - (3 \text{ hrs} + 40 \text{ min}) = 20 \text{ mins}$$