

RMS CET PYQ CLASS 9 2025-26

RMS CET 07 DEC 2025 Paper

Military School Class 9

35G-INH-CIX-25/B

RMS CET PYQ CLASS 9 2025-26

1. Select the interrogative sentence in wh-form:

- (a) She sings beautifully.
- (b) Does she sing beautifully.
- (c) Why does she sing beautifully?
- (d) She does not sing beautifully.

Correct Answer : (c) Why does she sing beautifully?

2. Choose the word that is the most appropriate antonym of Ostentatious:

- (a) Showy
- (b) Modest
- (c) Extravagant
- (d) Pretentious

Correct Answer : (b) Modest

3. Select the correct direct speech version: He asked her if she had finished her homework.

- (a) He asked her, Have you finished your homework ?
- (b) He asked her, Did you finish your homework ?
- (c) He asked her, Had you finished your homework ?
- (d) He asked her, Do you finish your homework ?

Correct Answer : (b) He asked her, Did you finish your homework ?

4. Identify the correctly used adjective in the sentence: The committee found the solution more effective than the previous one.

- (a) committee
- (b) solution
- (c) effective

(d) previous

Correct Answer : (c) effective

5. What does the expression Burning the midnight oil refer to?

- (a) Wasting time on useless work
- (b) Celebrating late at night
- (c) Using too many resources
- (d) Working or studying late into the night

Correct Answer : (d) Working or studying late into the night

6. Choose the correctly ordered sentence:

- (a) She has never before seen such a beautiful painting.
- (b) She never has seen before such a beautiful painting.
- (c) Before she has never seen such a beautiful painting.
- (d) She has seen never before such a beautiful painting.

Correct Answer : (a) She has never before seen such a beautiful painting.

7. Choose the correct determiner: I have read _____ books about space travel.

- (a) many
- (b) much
- (c) little
- (d) fewest

Correct Answer : (a) many

8. Choose the correctly ordered sentence:

- (a) Quickly the boy ran to school.
- (b) The boy ran quickly to school.
- (c) Ran quickly the boy to school.

(d) To school ran the boy quickly.

Correct Answer : (b) The boy ran quickly to school.

9. Choose the option that contains a reflexive pronoun:

(a) She asked herself in the mirror.

(b) They themselves organized the event.

(c) This is the house that Jack built.

(d) Who told you the news?

Correct Answer : (a) She asked herself in the mirror.

10. Rearrange sentences P, Q, R, S to form a meaningful paragraph. P: Before setting out... Q: On a bright sunny morning... R: During their walk... S: At last, they reached...

(a) PQRS

(b) QPRS

(c) QRPS

(d) QSRP

Correct Answer : (b) QPRS

11. Choose the correct option to complete the sentence

You're coming to the party_____?

(a) aren't you

(b) is you

(c) do you

(d) didn't you

Correct Answer : (a) aren't you

12. Identify the type of sentence

What a beautiful painting this is

- (a) Declarative sentence
- (b) Interrogative sentence
- (c) Imperative sentence
- (d) Exclamatory sentence

Correct Answer : (d) Exclamatory sentence

13. Choose the correct option to complete the sentence

If she _____ harder she would have passed the exam

- (a) studied
- (b) will study
- (c) studies
- (d) had studied

Correct Answer : (a) studied

14. Change to reported speech

He said I will call you tomorrow

- (a) He said that he would call me the next day
- (b) He said that he will call me tomorrow
- (c) He said that he calls me tomorrow
- (d) He said that he would call me tomorrow

Correct Answer : (a) He said that he would call me the next day

15. Choose the option that best completes the sentence with the most appropriate pair of conjunctions _____ the committee approved the proposal _____ it demanded several revisions for its implementation

- (a) Whether/or
- (b) Both/and

(c) Not only/but also

(d) No sooner/than

Correct Answer : (c) Not only/but also

16. Choose the interjection that expresses surprise in the following situation I just found out your friend won a national award

(a) Alas

(b) Hey

(c) Wow

(d) Oops

Correct Answer : (c) Wow

17. Identify the sentence with the incorrect use of a modal verb

(a) She can speak three languages fluently

(b) You must to wear a uniform in school

(c) We may go to the park this evening

(d) He should apologize for his mistake

Correct Answer : (b) You must to wear a uniform in school

18. Choose the sentence in which the article is used correctly

(a) She wants to be an university professor

(b) The Mount Everest is the highest peak in the world

(c) He is reading a European novel

(d) We saw an one-eyed man on the street

Correct Answer : (c) He is reading a European novel

19. Choose the correct verb to complete the sentence

Rita and her friends _____ going to the park

- (a) is
- (b) was
- (c) am
- (d) are

Correct Answer : (d) are

20. Choose the correct verb to complete the sentence

If he _____ earlier he wouldn't have missed the train

- (a) leaves
- (b) left
- (c) had left
- (d) leaving

Correct Answer : (c) had left

21. Identify the sentence that has an error in gender usage

- (a) The duke and his duchess attended the ceremony
- (b) The bride and the groom were welcomed warmly
- (c) The lioness protected his cubs fiercely
- (d) The hostess greeted her guests politely

Correct Answer : (c) The lioness protected his cubs fiercely

22. Which pair of words correctly shows the singular and plural form respectively

- (a) child, childs
- (b) foot, feets
- (c) knife, knives
- (d) mouse, mouses

Correct Answer : (c) knife, knives

23. Identify the proper noun in the following sentence

Mount Everest is the highest peak in the world

- (a) peak
- (b) world
- (c) Mount Everest
- (d) highest

Correct Answer : (c) Mount Everest

24. Which word is the correct feminine form of the masculine noun heir (a person legally entitled to property) <https://www.pyqonline.com>

- (a) heiress
- (b) heirine
- (c) heirix
- (d) heritor

Correct Answer : (a) heiress

25. Convert the following sentence to active voice

The homework was completed by the students yesterday

- (a) The students will complete the homework yesterday
- (b) The students completed the homework yesterday
- (c) The students have completed the homework yesterday
- (d) The students complete the homework yesterday

Correct Answer : (b) The students completed the homework yesterday

26. Identify the sentence with the correct and formal order of clauses (inversion structure)

- (a) Seldom people have seen such a breathtaking view
- (b) Seldom have people seen such a breathtaking view

(c) People seldom have seen such a breathtaking view

(d) Seldom seen have people such a breathtaking view

Correct Answer : (b) Seldom have people seen such a breathtaking view

27. Choose the correct preposition to complete the sentence

She has been waiting _____ you for more than an hour

(a) from

(b) since

(c) for

(d) by

Correct Answer : (c) for

28. In the sentence Hardly had she finished speaking when the lights went out the adverb hardly is functioning as

(a) An adverb of manner

(b) An adverb of frequency

(c) An adverb of degree used with inversion

(d) An adverb of place

Correct Answer : (c) An adverb of degree used with inversion

29. Choose the correctly spelled word

(a) Connoisseur

(b) Conosiour

(c) Connosieur

(d) Connoiseur

Correct Answer : (a) Connoisseur

30. Identify whether the underlined part is a phrase or a clause

Because she was late she missed the bus

- (a) Phrase
- (b) Clause
- (c) Both
- (d) Neither

Correct Answer : (b) Clause

31. Choose the word closest in meaning to Obsolete

- (a) Modern
- (b) Current
- (c) Useful
- (d) Outdated

Correct Answer : (d) Outdated

32. Choose the correct pronoun to complete the sentence

Riya and I went to the market _____ bought some fruits

- (a) He
- (b) She
- (c) They
- (d) We

Correct Answer : (d) We

33. Choose the correct tense

I _____ to the market yesterday

- (a) go
- (b) going
- (c) will go

(d) went

Correct Answer : (d) went

34. Choose the word that best fits the sentence

The scientist made a _____ discovery that changed the field of medicine

- (a) trivial
- (b) significant
- (c) ordinary
- (d) irrelevant

Correct Answer : (b) significant

35. Select the sentence that is correctly constructed and maintains parallelism

- (a) She likes reading novels, to paint, and listening to music
- (b) She likes to read novels, painting, and to listen to music
- (c) She likes reading novels, painting, and listening to music
- (d) She likes to reading novels, to painting, and to listening music

Correct Answer : (c) She likes reading novels, painting, and listening to music

36. Identify whether the underlined part is a phrase or a clause

After finishing his homework, he went out to play

- (a) Phrase
- (b) Clause
- (c) Both
- (d) Neither

Correct Answer : (a) Phrase

37. Choose the correct word to complete the sentence

Please _____ me how to reach the station

- (a) advise
- (b) advisee
- (c) advice
- (d) advised

Correct Answer : (a) advise

38. Choose the correct passive voice form of the following sentence

She will have finished the report by tomorrow

- (a) The report will be finished by her by tomorrow
- (b) The report had been finished by her by tomorrow
- (c) The report is finished by her tomorrow
- (d) The report will have been finished by her by tomorrow

Correct Answer : (d) The report will have been finished by her by tomorrow

39. Choose the correct form to complete the sentence

Of all the students in the class, Rina is the _____ at solving complex puzzles

- (a) more intelligent
- (b) most intelligent
- (c) more intelligenter
- (d) more intelligentter

Correct Answer : (b) most intelligent

40. Identify the part of the sentence that contains an error

The number of participants have increased this year

- (a) have
- (b) The number of participants
- (c) This year
- (d) The number of participants

Correct Answer : (a) have

41. Convert to indirect speech

He said I am tired

- (a) He said that he is tired
- (b) He said that he was tired
- (c) He said that I was tired
- (d) He said that he had tired

Correct Answer : (b) He said that he was tired

42. Rita and I are going to the park Would you like to come with _____

- (a) them
- (b) we
- (c) they
- (d) us

Correct Answer : (d) us

43. To hit the nail on the head

What does the phrase mean

- (a) To make a careless mistake
- (b) To get hurt accidentally
- (c) To describe exactly what is causing a situation or problem
- (d) To start something without planning

Correct Answer : (c) To describe exactly what is causing a situation or problem

44. Convert the following passive voice sentence to active voice

The rules should be followed by everyone

- (a) Everyone should follow the rules

- (b) Everyone must follow the rules
- (c) Everyone followed the rules
- (d) Following the rules is essential for everyone

Correct Answer : (a) Everyone should follow the rules

45. Which of the following is the interrogative form of the affirmative sentence
She can solve this puzzle <https://www.pyqonline.com>

- (a) Can she solve this puzzle
- (b) She cannot solve this puzzle
- (c) Why can she solve this puzzle
- (d) Could she solve this puzzle

Correct Answer : (a) Can she solve this puzzle

46. Directions for question numbers (46-50) :

Read the following passage and answer the questions that follow :

The invention of the printing press in the 15th century by Johannes Gutenberg marked a turning point in human history. Books, once copied by hand and accessible only to the wealthy, became available to a much wider audience. This led to spread of knowledge, literacy, and ideas across Europe, fueling movements like the Renaissance and the Reformation. The printing press not only transformed education but also laid the foundation for modern communication and the sharing of information.

Based on the passage which of the following statements best captures the broader significance of the printing press

- (a) It highlights only the technical evolution of book-making
- (b) It emphasizes how the printing press influenced social cultural and intellectual developments
- (c) It discusses the disadvantages of relying on handwritten books
- (d) It illustrates the role of technology in warfare and politics

Correct Answer : (b) It emphasizes how the printing press influenced social cultural and intellectual developments

47. Who invented the printing press

- (a) Alexander Graham Bell
- (b) Johannes Gutenberg
- (c) Isaac Newton
- (d) Thomas Edison

Correct Answer : (b) Johannes Gutenberg

48. Which movements were influenced by the printing press

- (a) Industrial Revolution and Romanticism
- (b) World War I and World War II
- (c) French Revolution and Enlightenment
- (d) Renaissance and Reformation

Correct Answer : (d) Renaissance and Reformation

49. The printing press helped in spreading

- (a) wealth and luxury
- (b) war and conflicts
- (c) knowledge and literacy
- (d) art and architecture only

Correct Answer : (c) knowledge and literacy

50. Before the invention of the printing press books were

- (a) printed on machines
- (b) written by hand
- (c) easily available

(d) not valued much

Correct Answer : (b) written by hand

51. ऋषि का स्त्रीलिंग है

- (a) ऋषनी
- (b) ऋषिपत्नी
- (c) ऋषिका
- (d) ऋषी

Correct Answer : (c) ऋषिका

52. पुनरुत्थान शब्द में प्रयुक्त उपसर्ग है

- (a) पु
- (b) पुन
- (c) पुनः/पुनर्
- (d) पुन

Correct Answer : (c) पुनः/पुनर्

53. निम्नलिखित विकल्पों में से योगरूढ़ शब्द कौन-सा है

- (a) नीला
- (b) धैर्यवान
- (c) पीताम्बर
- (d) आंख

Correct Answer : (c) पीताम्बर

54. निम्नलिखित में से कर्तृवाच्य में कौन सी क्रिया होती है

- (a) अकर्मक
- (b) सकर्मक
- (c) अकर्मक तथा सकर्मक दोनों

(d) कोई भी विकल्प नहीं

Correct Answer : (c) अकर्मक तथा सकर्मक दोनों

55. निम्नलिखित प्रश्न में, चार विकल्पों में से, सही विकल्प का चयन करें जो दिए गए वाक्यांश के लिए एक शब्द का विकल्प रंगमंच पर परदे के पीछे का स्थान <https://www.pyqonline.com>

- (a) परिधेय
- (b) नेपथ्य
- (c) परित्यक्ता
- (d) निशीथ

Correct Answer : (b) नेपथ्य

56. निम्नलिखित विकल्पों में से किस शब्द की वर्तनी शुद्ध है

- (a) आधीन
- (b) व्यवहारिक
- (c) मिष्ठान्न
- (d) अत्यधिक

Correct Answer : (d) अत्यधिक

57. कोष्ठक में दिए विराम चिह्न (:) का सही नाम क्या है

- (a) उपविराम
- (b) पूर्णविराम
- (c) विवरण चिह्न
- (d) प्रश्नवाचक

Correct Answer : (a) उपविराम

58. निम्नलिखित विकल्पों में से एकैक शब्द यह संधि का उदाहरण है

- (a) वृद्धि संधि
- (b) गुण संधि

(c) अयादि संधि

(d) व्यंजन संधि

Correct Answer : (a) वृद्धि संधि

59. मोक्ष की इच्छा रखने वाला

(a) मुमुक्षु

(b) मोक्षकामी

(c) मोक्षाभिलाषी

(d) मोक्षेच्छुक

Correct Answer : (a) मुमुक्षु

60. अनिश्चयवाचक सर्वनाम का करण कारक बहुवचन रूप होगा

(a) किन्हीं का

(b) किन्हीं से

(c) किन्हीं की

(d) किन्हीं का

Correct Answer : (b) किन्हीं से

61. अध्यापक ने बच्चों को पढ़ाया वाक्य में कौन सी क्रिया है

(a) आगमनात्मक

(b) संयुक्त क्रिया

(c) अकर्मक

(d) प्रेरणार्थक

Correct Answer : (d) प्रेरणार्थक

62. श्याम से सब चोरी के बारे में पूछा गया, तो वह _____ लगा

(a) भृकुटी चढ़ाना

(b) मुंह मोड़ना

- (c) नज़रें चुराना
- (d) आग बबूला होना

Correct Answer : (c) नज़रें चुराना

63. निम्नलिखित में से कौन सा वाक्य सही है

- (a) उसका प्राण-प्रखेरू उड़ गया
- (b) मामी जी शायद कल की गाड़ी से आएँ
- (c) उन्हें उनचालीस पुस्तकें चाहिए
- (d) आपका अंगुलियाँ मुड़ता नहीं है

Correct Answer : (b) मामी जी शायद कल की गाड़ी से आएँ

64. पहचान का तत्सम शब्द है

- (a) प्रत्यभिज्ञान
- (b) प्रज्ञान
- (c) अभिज्ञान
- (d) अवधान

Correct Answer : (c) अभिज्ञान

65. निम्नलिखित विकल्पों में से पर्यायवाची का दृष्टि से एक वर्ग शुद्ध है

- (a) सिंह, पंचानन, नाहर, मृगरि
- (b) सूर्य, रवि, दिनकर, तरणी
- (c) अग्नि, पावक, अनल, पिशुन
- (d) महेश, रमेश, भूतेश, सतीशा

Correct Answer : (b) सूर्य, रवि, दिनकर, तरणी

66. निम्नलिखित विकल्पों में अनुस्वार और विसर्ग को क्या कहते हैं

- (a) व्यंजन
- (b) अयोगवाह

- (c) शब्द
- (d) वर्णमाला

Correct Answer : (b) अयोगवाह

67. निम्नलिखित विकल्पों में से ध वर्ण से संबंधित कौन सा वाक्य असंगत है

- (a) हिंदी वर्णमाला का ऊष्मों व्यंजन है
- (b) तवर्ग का चौथा वर्ण
- (c) इसका उच्चारण स्थान दंतमूल है
- (d) यह मूर्धन्य वर्ग है

Correct Answer : (d) यह मूर्धन्य वर्ग है

68. निम्नलिखित शब्दों में से फारसी शब्द का उदाहरण है

- (a) ओरत
- (b) आवाज़
- (c) अक्ल
- (d) अल्लाह

Correct Answer : (b) आवाज़

69. वाह! कितना सुन्दर मोर है रेखांकित शब्द का पद परिचय चिन्हित करें

- (a) अव्यय, विस्मयादिबोधक, शोक सूचक
- (b) अव्यय, संबंध बोधक, शोक सूचक
- (c) क्रिया विशेषण, काल वाचक, मोर की विशेषता बता रहा
- (d) अव्यय, विस्मयादिबोधक, हर्ष सूचक

Correct Answer : (d) अव्यय, विस्मयादिबोधक, हर्ष सूचक

70. देख लो साकेत नगरी है यही। स्वर्ग से मिलने गगन में जा रही। - में कौन सा अलंकार है

- (a) अनुप्रास अलंकार
- (b) यमक अलंकार

(c) उपमा अलंकार

(d) अतिशयोक्ति अलंकार

Correct Answer : (d) अतिशयोक्ति अलंकार

71. What is the minimum age to contest elections for the Rajya Sabha

(a) 25 years

(b) 30 years

(c) 35 years

(d) 18 years

Correct Answer : (b) 30 years

72. What does universal adult franchise mean

(a) Every adult has the right to free education

(b) Every adult, regardless of gender, caste, or religion, has the right to vote

(c) Only adult men can vote

(d) Adults above 25 years only can vote

Correct Answer : (b) Every adult, regardless of gender, caste, or religion, has the right to vote

73. Which of the following statement about sustainable development is correct

(a) It aims to balance resource exploitation, conservation, and regeneration

(b) It encourages unlimited extraction of non-renewable resources

(c) It prioritizes present use over future use of resources

(d) It focuses only on economic growth

Correct Answer : (a) It aims to balance resource exploitation, conservation, and regeneration

74. Which Mughal emperor commissioned the construction of the Red Fort in Delhi <https://www.pyqonline.com>

- (a) Akbar
- (b) Jahangir
- (c) Shah Jahan
- (d) Aurangzeb

Correct Answer : (c) Shah Jahan

75. The Mauryan emperor who embraced Buddhism after the Kalinga War was

- (a) Chandragupta Maurya
- (b) Ashoka
- (c) Bindusara
- (d) Ajatashatru

Correct Answer : (b) Ashoka

76. Who among the following was the first ruler to introduce the silver coin known as the 'tanka' in Delhi Sultanate

- (a) Iltutmish
- (b) Qutb-ud-din Aibak
- (c) Alauddin Khalji
- (d) Balban

Correct Answer : (a) Iltutmish

77. Which of the following is not a criterion for a substance to become a resource

- (a) Utility
- (b) Demand
- (c) Accessibility

(d) Quantity

Correct Answer : (d) Quantity

78. Which of these is a power (energy) resource

(a) Desert

(b) Iron ore

(c) Soil

(d) Solar radiation

Correct Answer : (d) Solar radiation

79. The term Shrenis in early India referred to

(a) Kings

(b) Guilds of craftspeople and merchants

(c) Temples

(d) Soldiers

Correct Answer : (b) Guilds of craftspeople and merchants

80. Which of the following is a Directive Principle of State Policy

(a) Right to equality

(b) Freedom of religion

(c) Promotion of educational and economic interests of weaker sections

(d) Right against exploitation

Correct Answer : (c) Promotion of educational and economic interests of weaker sections

81. Suppose a region has vast groundwater reserves but lacks the technology to pump water. That groundwater is an example of

(a) Actual resource

- (b) Stock resource
- (c) Reserve resource
- (d) Ubiquitous resource

Correct Answer : (b) Stock resource

82. Which body is responsible for interpreting the Constitution and adjudicating disputes related to it

- (a) Parliament
- (b) President
- (c) Supreme Court
- (d) Prime Minister

Correct Answer : (c) Supreme Court

83. The Permanent Settlement introduced by the British in Bengal was implemented in <https://www.pyqonline.com>

- (a) 1757
- (b) 1793
- (c) 1813
- (d) 1857

Correct Answer : (b) 1793

84. In the Indian system who holds executive power at the state level

- (a) Chief Minister and Council of Ministers
- (b) Governor
- (c) Speaker of Legislative Assembly
- (d) High Court

Correct Answer : (b) Governor

85. What is the correct sequence for how a bill becomes a law in India

- (a) Lok Sabha →Rajya Sabha →President
- (b) Rajya Sabha →Lok Sabha →President
- (c) President →Lok Sabha →Rajya Sabha
- (d) Lok Sabha →President →Rajya Sabha

Correct Answer : (a) Lok Sabha →Rajya Sabha →President

86. Which of the following Harappan sites is famous for its dockyard

- (a) Mohenjodaro
- (b) Lothal
- (c) Harappa
- (d) Kalibangan

Correct Answer : (b) Lothal

87. The Bhakti saint who composed the collection known as the Tirumurai

- (a) Andal
- (b) Namdev
- (c) Nayanar Appar
- (d) Alvar Nammalvar

Correct Answer : (c) Nayanar Appar

88. The famous Iron Pillar at Mehrauli, Delhi, was built during the reign of

- (a) Harshavardhana
- (b) Chandragupta II
- (c) Samudragupta
- (d) Skandagupta

Correct Answer : (b) Chandragupta II

89. Which process helps prevent soil erosion and degradation on hilly terrain

- (a) Deforestation
- (b) Overgrazing
- (c) Terracing on slopes
- (d) Irrigation with excessive water

Correct Answer : (c) Terracing on slopes

90. Which resource is considered inexhaustible (renewable) on human timescales

- (a) Coal
- (b) Petroleum
- (c) Solar energy
- (d) Natural gas

Correct Answer : (c) Solar energy

91. Which article of the Indian Constitution abolishes untouchability ?

- (a) Article 15
- (b) Article 17
- (c) Article 19
- (d) Article 21

Correct Answer : (b) Article 17

92. Which of the following institutions monitors elections in India ?

- (a) Niti Ayog
- (b) University Grants Commission
- (c) Union Public Service Commission
- (d) Election Commission of India

Correct Answer : (d) Election Commission of India

93. Which one of the following is not a feature of a democratic government ?

- (a) Free and fair elections
- (b) Elected representative have decision making power
- (c) Protection of fundamental rights
- (d) Rule by hereditary monarch

Correct Answer : (d) Rule by hereditary monarch

94. Which of the following is a biotic resource ?

- (a) Forests
- (b) Wind
- (c) Coal
- (d) Water

Correct Answer : (a) Forests

95. What is the main reason that resources are distributed unequally over the Earth ?

- (a) Physical factors like climate, terrain, soil, etc
- (b) Uniform topography
- (c) Even distribution of rainfall
- (d) Equal human population everywhere

Correct Answer : (a) Physical factors like climate, terrain, soil, etc

96. The layer of the earth that directly supports life and human activity is known as

- (a) Hydrosphere
- (b) Lithosphere
- (c) Atmosphere
- (d) Biosphere

Correct Answer : (b) Lithosphere

97. Which human activity contributes most directly to depletion of groundwater resources ?

- (a) Planting trees
- (b) Recharging aquifers
- (c) Overuse in agriculture / excessive extraction
- (d) Rainwater harvesting

Correct Answer : (c) Overuse in agriculture / excessive extraction

98. Which of the following rights prohibits forced labor or bonded labor ?

- (a) Right to Freedom (Article 19)
- (b) Right to Equality (Article 14)
- (c) Right against Exploitation (Articles 23 & 24)
- (d) Cultural and Educational Rights (Articles 29 & 30)

Correct Answer : (c) Right against Exploitation (Articles 23 & 24)

99. Who among the following was the leader of the Santhal rebellion (1855-56)?

- (a) Sindhu and Kanhu Murmu
- (b) Birsa Munda
- (c) Tantia Tope
- (d) Kumwar Singh

Correct Answer : (a) Sindhu and Kanhu Murmu

100. The Rigveda is composed in which ancient language ?

- (a) Prakrit
- (b) Tamil
- (c) Sanskrit

(d) Pali

Correct Answer : (c) Sanskrit

101. The perpendiculars drawn from the vertices to the opposite sides of a triangle meet at the _____.

(a) Intersection point

(b) Midpoint

(c) Vertex

(d) Side

Correct Answer : (a) Intersection point

102. The improper fraction $\frac{17}{3}$ expressed as a mixed fraction is:

(a) $5 \frac{1}{4}$

(b) $5 \frac{1}{2}$

(c) $5 \frac{1}{3}$

(d) $5 \frac{2}{3}$

Correct Answer : (c) $5 \frac{1}{3}$

103. What is the difference between the place value of 6 in 7,864 and the face value of 9 in 9,332?

(a) 52

(b) 50

(c) 51

(d) 53

Correct Answer : (a) 52

104. Three times the half of twice a number is equal to minus four times its quarter. Find the number.

- (a) -2
- (b) 2
- (c) 1
- (d) 0

Correct Answer : (b) 2

105. Solve the Roman numeral expression: LXXV - XXIV = ?

- (a) L
- (b) LI
- (c) LII
- (d) None of the options

Correct Answer : (b) LI

106. Two parallel lines, PQ and RS, are intersected by a transversal TU. If the points of intersection are X and Y respectively, then $\angle PXY =$ _____.

- (a) $180 - \angle SYU$
- (b) $90^\circ - \angle RYT$
- (c) $180^\circ - \angle RYX$
- (d) $\angle RYXs$

Correct Answer : (c) $180^\circ - \angle RYX$

107. 95 degrees Fahrenheit is equal to how many degrees Celsius?

- (a) 34°C
- (b) 36°C
- (c) 37°C
- (d) 35°C

Correct Answer : (d) 35°C

108. Triangle 1: $AB = 5\text{ cm}$, $AC = 6\text{ cm}$, $BC = 7\text{ cm}$; Triangle 2: $PQ = 5\text{ cm}$, $PR = 6\text{ cm}$, $QR = 7\text{ cm}$. By which congruence rule are the two triangles congruent?

- (a) SAS
- (b) ASA
- (c) SSS
- (d) RHS

Correct Answer : (c) SSS

109. A trader bought 8 chairs at ₹ 750 each. He sold all of them together for ₹ 5,625. What is his profit or loss percent?

- (a) 5% loss
- (b) 3% profits
- (c) 6.25% loss
- (d) 6.25% profit

Correct Answer : (d) 6.25% profit

110. A cyclist goes around a circular park once in 2 minutes. The diameter of the park is 154 meters. Find the speed of the cyclist. (Use $\pi = 22/7$)

- (a) 4.033 m/s
- (b) 3.5 m/s
- (c) 4.044 m/s
- (d) 3.044 m/s

Correct Answer : (a) 4.033 m/s

111. In how many ways can a rectangle be cut so that each part is symmetrical to the other?

- (a) 3
- (b) 4
- (c) 2
- (d) 6

Correct Answer : (c) 2

112. What is the least perfect cube divisible by both 4 and 6?

- (a) 432
- (b) 216
- (c) 442
- (d) None of the options

Correct Answer : (b) 216

113. The area of a square garden is 2025 m^2 . The length of one side of the garden is _____.

- (a) 45 m
- (b) 40 m
- (c) 50 m
- (d) 42 m

Correct Answer : (a) 45 m

114. A survey of 5,000 residents shows that 60% are interested in football. Among those, 70% do not play. How many residents actively play football?

- (a) 900
- (b) 1,500
- (c) 1,000
- (d) 1,200

Correct Answer : (d) 1,200

115. Which of the following statements is true?

- (a) A triangle can have two right angles.
- (b) The sum of the angles in a quadrilateral is 360°
- (c) A circle has three sides.
- (d) A square has only three right angles.

Correct Answer : (b) The sum of the angles in a quadrilateral is 360°

116. A car was bought for ₹ 75,000. Its value depreciates at 12% per annum. What will be its value after one year? <https://www.pyqonline.com>

- (a) ₹ 66,000
- (b) ₹ 6,60,00
- (c) ₹ 63,000
- (d) ₹ 64,500

Correct Answer : (d) ₹ 64,500

117. How many faces does a square pyramid have?

- (a) 1
- (b) 2
- (c) 4
- (d) 5

Correct Answer : (d) 5

118. At a busy intersection, three traffic lights turn red every 24, 36, and 54 seconds. After how many seconds will all three turn red together?

- (a) 432 s
- (b) 316 s
- (c) 486 s

(d) 216 s

Correct Answer : (a) 432 s

119. In $\triangle ABC$, if $\angle A = \angle B$ and $\angle C = 125^\circ$, then _____

(a) $\angle A = \angle B = 27^\circ$

(b) $\angle A = \angle B = 37.5^\circ$

(c) $\angle A = \angle B = 27.5^\circ$

(d) None of the options

Correct Answer : (c) $\angle A = \angle B = 27.5^\circ$

120. Simplify:

$$\frac{7}{12} - \frac{1}{2} \div \frac{8}{3} + \frac{43}{72} \times \frac{1}{5}$$

(A) $\frac{179}{360}$

(B) $\frac{193}{360}$

(C) $\frac{173}{360}$

(D) $\frac{249}{360}$

Correct Answer: Error

121. In a trapezium, the height is 6 cm and its area is 84 sq. cm. If one of the parallel sides is three times the other, find the length of the longer side.

(a) 18 cm

(b) 20 cm

(c) 15 cm

(d) 21 cm

Correct Answer : (a) 18 cm

122. Upon throwing two dice, what is the probability that the sum of the numbers on the two dice is 7?

- (a) $1/12$
- (b) $1/8$
- (c) $1/6$
- (d) $1/9$

Correct Answer : (c) $1/6$

123. A circle has an area numerically equal to half of its circumference. What is the area of the circle?

- (a) 2π
- (b) π
- (c) 4π
- (d) None of the options

Correct Answer : (a) 2π

124. The perimeter of a square is equal to the area of a rhombus. One diagonal of the rhombus is equal to the other, and the diagonal is 8 units. Find the length of the diagonal of the square.

- (a) $8\sqrt{2}$ units
- (b) $16\sqrt{2}$ units
- (c) $4\sqrt{2}$ units
- (d) $12\sqrt{2}$ units

Correct Answer : (a) $8\sqrt{2}$ units

125. A rectangular playground has length 21 m and width 13 m. A 1 m wide path runs inside along the edges. If tiling costs ₹ 70 per m², what is the total expense of tiling the path?

- (a) ₹ 4300
- (b) ₹ 4200
- (c) ₹ 4480
- (d) ₹ 400

Correct Answer : (b) ₹ 4200

126. A triangle PQR has angles 50°, 60° and 70°. The triangle is:

- (a) Obtuse-angled
- (b) Acute-angled
- (c) Right-angled
- (d) Scalene

Correct Answer : (b) Acute-angled

127. If 6 workers can finish a job in 15 days, how many days will 10 workers take to complete the same job?

- (a) 9 days
- (b) 10 days
- (c) 12 days
- (d) 8 days

Correct Answer : (d) 8 days

128. Convert the following:

(i) 2500 cm² into m² (ii) 0.75 m³ into cm³

- (a) (i) 0.25 m² (ii) 7.5 cm³
- (b) (i) 0.025 m² (ii) 750000 cm³

(c) (i) 0.25 m² (ii) 7500 cm³

(d) (i) 0.25 m² (ii) 750000 cm³

Correct Answer : (d) (i) 0.25 m² (ii) 750000 cm³

129. What is the minimum number to be subtracted from 200 to make it a perfect square?

(a) 9

(b) 5

(c) 6

(d) 4

Correct Answer : (c) 6

130. Find the median of the following data set: 5,12,7,9,10

(a) 7

(b) 9

(c) 10

(d) 12

Correct Answer : (b) 9

131. In a cube and cuboid with equal volumes, the length of the cuboid equals the side of the cube. If the height and width of the cuboid are 16 cm and 4 cm respectively, what is the volume of the cube?

(a) 512 cm³

(b) 521 cm³

(c) 412 cm³

(d) 421 cm³

Correct Answer : (a) 512 cm³

132. A mathematics book has 450 pages. Chapter 7 runs from page 121 to page 140. The ratio of the number of pages of this chapter to the total number of pages is:

- (a) 2 : 45
- (b) 1 : 25
- (c) 19 : 45
- (d) 1 : 30

Correct Answer : (d) 1 : 30

133. If 12 pens cost ₹ 18, how many pens can be bought for ₹ 30?

- (a) 18
- (b) 20
- (c) 24
- (d) 22

Correct Answer : (c) 24

134. Assertion (A): The product of any two positive integers is always positive.

Reason (R): Multiplying two negative integers always gives a positive number.

- (a) Both are true and R is correct explanation
- (b) Both are true but R is not correct explanation
- (c) Assertion true, Reason false
- (d) Assertion false, Reason true

Correct Answer : (b) Both are true but R is not correct explanation

135. A regular polygon has an exterior angle of 45° . How many sides does the polygon have?

- (a) 6
- (b) 8

(c) 10

(d) 12

Correct Answer : (b) 8

136. If the diameter of a circle is 20 cm, find its area. (Use $\pi = 3.14$)

(a) 314 cm²

(b) 312 cm²

(c) 315 cm²

(d) 316 cm²

Correct Answer : (a) 314 cm²

137. A graph in which the data points are connected by straight lines to show a continuous trend is called a _____.

(a) bar graph

(b) linear graph

(c) pie chart

(d) histogram

Correct Answer : (b) linear graph

138. An isosceles right triangle has perpendicular legs of 8 cm each. Its base coincides with the longer side of a parallelogram whose area is 64 sq. cm. Find the height of the parallelogram.

(a) 6 cm

(b) 8 cm

(c) 7 cm

(d) 9 cm

Correct Answer : (a) 6 cm

139. Which of the following is a non-zero integer?

- (a) -2.6
- (b) $\sqrt{16}$
- (c) $4 + (-1/2)$
- (d) $1/2 - 1/2$

Correct Answer : (b) $\sqrt{16}$

140. Three times a number is equal to the number plus 18. What is the number?

- (a) 6
- (b) 7
- (c) 9
- (d) None of the options

Correct Answer : (a) 6

141. A polyhedron has 18 edges and 8 faces. The number of vertices in the polyhedron is _____. <https://www.pyqonline.com>

- (a) 6
- (b) 8
- (c) 12
- (d) 10

Correct Answer : (c) 12

142. Simplify:

if $x = \frac{3^{-1}+4^{-2}}{5}$, find $\frac{1}{2x}$.

(A) $\frac{125}{19}$

(B) $\frac{126}{19}$

(C) $\frac{123}{19}$

(D) $\frac{120}{19}$

Correct Answer : (D) 120/19

143. A cylindrical water tank has a radius of 3 cm and can hold 282.6 ml of water. What is the height of the tank? (Use $\pi = 3.14$)

(a) 10 cm

(b) 9 cm

(c) 8 cm

(d) 11 cm

Correct Answer : (a) 10 cm

144. If the circumference of a circle is 48 cm, what is its radius

(a) $\pi/34$ cm

(b) $34/\pi$ cm

(c) $\pi/24$ cm

(d) $24/\pi$ cm

Correct Answer : (d) $24/\pi$ cm

145. The value of the expression $y [- y(y - 3) - y (3y)]$ for $y = -1$ is:

(a) -3

- (b) -7
- (c) 7
- (d) 0

Correct Answer : (c) 7

146. A jacket costs ₹2200. If the shopkeeper sells it for 2000, what is the discount percentage?

- (a) 9.09%
- (b) 10%
- (c) 9.1%
- (d) None of the options

Correct Answer : (a) 9.09%

147. Which of the following evaluates to an integer ?

- (a) $\sqrt{10}$
- (b) 4.5
- (c) $(-\sqrt{81})/3$
- (d) 1.2

Correct Answer : (c) $(-\sqrt{81})/3$

148. A garden is designed using two pairs of parallel pathways of equal length that intersect each other at right angles. What is the shape of the central area formed?

- (a) Rectangle
- (b) Rhombus
- (c) Square
- (d) Parallelogram

Correct Answer : (c) Square

149. The mean of the numbers 14,9,11,y and 6 is 10. Find the value of y.

- (a) 9
- (b) 8
- (c) 7
- (d) 10

Correct Answer : (b) 8

150. Find the two values of x that satisfy $x^2 + 5x = 14$.

- (a) {2,-7}
- (b) {-2,5}
- (c) {2,7}
- (d) {-2,-5}

Correct Answer : (a) {2,-7}

151. Choose the correct statement about the endoplasmic reticulum (ER).

- (a) It is present in all cells.
- (b) It consists of a Discontinuous Membrane System.
- (c) Protein folding only occurs in the rough ER.
- (d) The ER is involved in lipid synthesis and steroid hormone production.

Correct Answer : (d) The ER is involved in lipid synthesis and steroid hormone production.

152. Which of the following is not correct regarding Kharif crops?

- (a) Grown during the monsoon season
- (b) Examples maize, millet, cotton
- (c) Examples wheat, gram, mustard
- (d) Harvested in October-November

Correct Answer : (c) Examples wheat, gram, mustard

153. Which example must be included in reversible physical changes?

- (a) dissolving sugar in water
- (b) grinding wood into sawdust
- (c) shattering a glass
- (d) shredding paper

Correct Answer : (a) dissolving sugar in water

154. Which of the following diseases is not a bacterial disease?

- (a) Pneumonia
- (b) UTIs
- (c) COVID-19
- (d) Tuberculosis

Correct Answer : (c) COVID-19

155. Which is an example of sexual reproduction in plants?

- (a) Seed production in mango
- (b) Strawberries using runners
- (c) Potatoes via tubers
- (d) Onions using bulbs

Correct Answer : (a) Seed production in mango

156. Vaccines are made up of:

- (a) Chemicals
- (b) Weak microorganisms
- (c) Viruses
- (d) Drugs

Correct Answer : (b) Weak microorganisms

157. Which claim about a cell's nucleus is true?

- (a) Proteins are made in the nucleus.
- (b) Dynamic control center for DNA replication and RNA processing.
- (c) Organelles revolve around nucleus like planets.
- (d) The nucleus is a single, central structure.

Correct Answer : (b) Dynamic control center for DNA replication and RNA processing.

158. Which of the following is not made using natural gas?

- (a) Plastics
- (b) Fertilizers
- (c) Glass bottles
- (d) Synthetic fibers

Correct Answer : (c) Glass bottles

159. Petroleum separated into petrol and diesel by fractional distillation is a:

- (a) Physical
- (b) Chemical
- (c) Neither Physical or Chemical
- (d) Both Physical and Chemical

Correct Answer : (a) Physical

160. Light dispersion cannot be used for which purpose?

- (a) Spectrum from cut-glass ornament
- (b) Colors on soap bubbles and oil slicks
- (c) Working of flashlights and headlights

(d) Spectrum from glass prism

Correct Answer : (c) Working of flashlights and headlights

161. Which among the following statements is correct?

(a) Xylem is the tissue responsible for the translocation of photosynthates (sugars)

(b) Xylem transports sugars from the leaves (source) to other parts of the plant (sinks).

(c) Phloem transports water and minerals upwards, and Xylem transports some organic nitrogen

(d) The phloem is the highway for translocating sugars, amino acids, hormones, and other organic molecules from source to sink.

Correct Answer : (d) The phloem is the highway for translocating sugars, amino acids, hormones, and other organic molecules from source to sink.

162. Which of the following claims about the various forms of combustion is False? <https://www.pyqonline.com>

(a) Rapid combustion includes the burning of LPG in a gas stove or a burning matchstick.

(b) Spontaneous combustion includes forest fires, fires in coal mines, or the self-ignition of oil-soaked rags.

(c) Spontaneous combustion quickly produces heat and light while Rapid combustion ignites without external heat.

(d) Explosive combustion includes firecrackers or dynamite explosions.

Correct Answer : (c) Spontaneous combustion quickly produces heat and light while Rapid combustion ignites without external heat.

163. Why do liquid conductivity testers use LEDs?

(a) The light they emit is extremely bright.

(b) Even a weak electric current can be detected by them.

- (c) They consume less energy
- (d) They are an electrode type.

Correct Answer : (b) Even a weak electric current can be detected by them.

164. For electroplating a steel jewellery with copper, the electrolyte used must be:

- (a) Sodium Chloride
- (b) Copper Sulphate
- (c) Sodium Sulphate
- (d) Copper Chloride

Correct Answer : (b) Copper Sulphate

165. Eating a banana everyday lowers acidity because:

- (a) Ripe bananas are alkaline and contain natural antacids and pectin that neutralize stomach acid
- (b) It is a base that provides flavor
- (c) It helps digest food faster, acts as an activator
- (d) All of the options

Correct Answer : (a) Ripe bananas are alkaline and contain natural antacids and pectin that neutralize stomach acid

166. The list of ductless gland applications does not include:

- (a) Regulated fatigue or weight gain
- (b) Controls reproduction and regulates blood pressure
- (c) Maintains body temperature and controls blood sugar
- (d) Regulates growth and manages stress

Correct Answer : (a) Regulated fatigue or weight gain

167. An example of artificial silk does not include:

- (a) Bamboo silk
- (b) Cupro and Lyocell
- (c) Viscose rayon and Modal
- (d) Tasar silk and Muga silk

Correct Answer : (d) Tasar silk and Muga silk

168. Which best describes how rolling, sliding, and static friction are related?

- (a) Static friction is always less than sliding friction
- (b) Of the three, rolling friction is the highest
- (c) Rolling friction > Sliding friction > Static friction
- (d) Static friction > Sliding friction > Rolling friction

Correct Answer : (d) Static friction > Sliding friction > Rolling friction

169. Which tool is used to check if the washing machine is receiving electric current?

- (a) Multimeter
- (b) Calorimeter
- (c) Barometer
- (d) Thermometer

Correct Answer : (a) Multimeter

170. Ovum and Eggs are formed in:

- (a) Ovary
- (b) Fallopian tubes
- (c) Oviduct
- (d) Penis

Correct Answer : (a) Ovary

171. Focal length of plane mirror is:

- (a) Zero
- (b) Infinity
- (c) Half its aperture
- (d) Double its aperture

Correct Answer : (b) Infinity

172. Trishul on top of a temple has a scientific significance as:

- (a) Acting as an earthing rod or lightning conductor
- (b) Decorative or symbolic purpose
- (c) Rainwater harvesting
- (d) Solar electricity generation

Correct Answer : (a) Acting as an earthing rod or lightning conductor

173. The correct response by the Adrenaline hormone is:

- (a) Fight-or-flight response
- (b) Reproduction to metabolism and stress response
- (c) Manage metabolism and energy levels
- (d) Stimulates ovaries to produce estrogen

Correct Answer : (a) Fight-or-flight response

174. Select the correct statement:

- (a) Plant-based diets are nutritionally deficient.
- (b) All plant-based foods are healthy.
- (c) Plant-based protein is inferior or incomplete.
- (d) Plant-based diets lower risk of heart disease, diabetes, and some cancers due to high fiber, antioxidants, nutrients and low saturated fat.

Correct Answer : (d) Plant-based diets lower risk of heart disease, diabetes, and some cancers due to high fiber, antioxidants, nutrients and low saturated fat.

175. Which statement about reactivity of elements is incorrect?

- (a) Calcium reacts with cold water.
- (b) Sodium reacts violently with water and is stored in oil.
- (c) Francium is the most reactive metal.
- (d) Iodine is the highest reactive of the common halogens.

Correct Answer : (d) Iodine is the highest reactive of the common halogens.

176. Which of the following is not a characteristic of a base?

- (a) They are bitter in taste.
- (b) They feel soapy to touch.
- (c) They turn red litmus blue.
- (d) They have a pH less than 7.

Correct Answer : (d) They have a pH less than 7.

177. Correct information about biodiversity is:

- (a) More species means better biodiversity
- (b) We need a single metric for biodiversity like CO₂
- (c) Biodiversity conservation is a collective responsibility
- (d) Climate change and overpopulation are main drivers of biodiversity loss

Correct Answer : (c) Biodiversity conservation is a collective responsibility

178. Main constituents of petroleum do not include:

- (a) Coal and Coke
- (b) Petrol and Diesel
- (c) Kerosene and Lubricating Oil

(d) Paraffin Wax and Bitumen

Correct Answer : (a) Coal and Coke

179. Which among the following is correct?

- (a) Deoxygenated blood is blue.
- (b) Anemia is always iron deficiency.
- (c) We must wait at least 56 days between whole blood donations.
- (d) We must eat red meat to avoid iron deficiency.

Correct Answer : (c) We must wait at least 56 days between whole blood donations.

180. Primary cause of greenhouse gas emissions:

- (a) Reusing waste products
- (b) Burning fossil fuels for electricity, heat, and transportation
- (c) Shopping in cloth bags
- (d) Setting up water-saving faucets

Correct Answer : (b) Burning fossil fuels for electricity, heat, and transportation

181. Firefighters' uniforms are coated with which fire-resistant plastic:

- (a) Aramids and Melamine
- (b) Teflon and Melamine
- (c) Bakelite and Aramids
- (d) PVC and Bakelite

Correct Answer : (a) Aramids and Melamine

182. Adam's apple is:

- (a) Red apple
- (b) Unripe apple

- (c) Mammary Gland
- (d) Laryngeal prominence

Correct Answer : (d) Laryngeal prominence

183. Which among the following are not Lustrous non-metals?

- (a) Diamond
- (b) Graphite
- (c) Iodine
- (d) Copper

Correct Answer : (d) Copper

184. According to the Law of Periods (Harmonic Law):

- (a) The cube of a planet's orbital period is proportional to the cube of its semi-major axis.
- (b) The cube of a planet's orbital period is proportional to the square of its semi-major axis.
- (c) The square root of a planet's orbital period is proportional to the cube root of its semi-major axis.
- (d) The square of a planet's orbital period is proportional to the cube of its semi-major axis.

Correct Answer : (d) The square of a planet's orbital period is proportional to the cube of its semi-major axis.

185. Incorrect match:

- (a) Frictional force - Rubbing your hands together to create heat
- (b) Muscular force - Chewing food
- (c) Gravitational Force - Food going down in esophagus pipe
- (d) Electrostatic force - A comb attracting small paper

Correct Answer : (c) Gravitational Force - Food going down in esophagus pipe

186. Sound plays a vital role because:

- (a) Sound can travel through space
- (b) Sound waves cannot generate heat
- (c) Infrasound waves cause cavitation to break contaminants
- (d) Sound waves are used in ultrasound imaging and stethoscopes

Correct Answer : (d) Sound waves are used in ultrasound imaging and stethoscopes

187. Aeroplane while flying in air experiences:

- (a) Sliding friction
- (b) Drag friction
- (c) Dynamic friction
- (d) Static friction

Correct Answer : (b) Drag friction

188. Correct fact about convex mirror:

- (a) A convex mirror can form a real image.
- (b) Convex mirrors cannot be used for magnification.
- (c) The focal length of a convex mirror is negative.
- (d) Convex mirrors give a more accurate view of distance.

Correct Answer : (c) The focal length of a convex mirror is negative.

189. Which statement is correct about force?

- (a) Forces applied need to be in same direction.
- (b) Force arises from interaction between two objects.
- (c) Force is scalar.
- (d) Strength of force is expressed by magnitude only.

Correct Answer : (b) Force arises from interaction between two objects.

190. Which is not a type of asexual reproduction?

- (a) Budding
- (b) Zygote formation
- (c) Regeneration
- (d) Fragmentation

Correct Answer : (b) Zygote formation

191. Which fact supports global warming statement?

- (a) Volcanoes emit more CO₂ than humans
- (b) Climate always changed naturally
- (c) Water vapor is most important greenhouse gas
- (d) Major cause is fossil fuels, deforestation, fluorinated gases

Correct Answer : (d) Major cause is fossil fuels, deforestation, fluorinated gases

192. Example of in-situ conservation:

- (a) Zoological Park
- (b) National Park
- (c) Botanical Garden
- (d) Laboratory Culture

Correct Answer : (b) National Park

193. Example of non-uniform motion:

- (a) Steady spin of a fan
- (b) An accelerating car in traffic
- (c) Airplane at constant speed and altitude
- (d) Hour hand of a clock

Correct Answer : (b) An accelerating car in traffic

194. False statement about nuclear fusion:

- (a) Electricity from fusion is less viable commercially
- (b) Fusion does not produce long-lived radioactive waste
- (c) Fusion produces almost no greenhouse gas emissions
- (d) A fusion reactor could explode like a nuclear bomb

Correct Answer : (d) A fusion reactor could explode like a nuclear bomb

195. Gas bubbles on electrodes when current passes through solution is due to:

- (a) Heating effect
- (b) Magnetic effect
- (c) Chemical effect
- (d) Illuminating effect

Correct Answer : (c) Chemical effect

196. Which are not examples of amphoteric substances?

- (a) Proteins
- (b) Aluminium Oxide (Al_2O_3)
- (c) Amino Acids
- (d) Water (H_2O)

197. Natural coolant present in human body is:

- (a) Blood
- (b) Plasma
- (c) Water
- (d) Salt ions

Correct Answer : (c) Water

198. Usual result of adolescence increased activity of sweat & oil glands:

- (a) Goiter and Diabetes
- (b) Acne and Pimples
- (c) Anemia and Clogged Pores
- (d) Clogged Pores and Diabetes

Correct Answer : (b) Acne and Pimples

199. False claim about luminous flames:

- (a) Yellow flame when air hole closed
- (b) Wood flames luminous from soot
- (c) Candle flame is luminous
- (d) Yellow/orange flames are result of complete combustion producing unburnt carbon particles

Correct Answer : (d) Yellow/orange flames are result of complete combustion producing unburnt carbon particles

200. Correct information about desertification:

- (a) Caused by desert expanding
- (b) Natural phenomenon caused only by drought
- (c) Only affects dry, hot countries
- (d) Sustainable agriculture and afforestation can stop it

Correct Answer : (d) Sustainable agriculture and afforestation can stop it