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PAPER-I

Booklet Code

Code No.: 031801

A

0356

BOOKLET FOR OBJECTIVE TYPE TEST
Answer *all* the Questions.

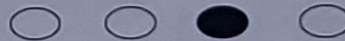
Full Marks : 150

Time Allowed : 2 Hours

GENERAL INSTRUCTIONS

Candidates should read the following instructions carefully before answering the questions:

1. Verify the seriality of the page numbers. If there is any discrepancy, bring it to the Invigilator's notice.
2. All the boxes, ovals and the entries in the Answer Sheet must be filled up using **Black Ball-Point Pen** only.
3. Before you mark in the Answer Sheet, please fill the following in the appropriate places:
 - Darken the oval corresponding to your booklet series (**A** or **B** or **C**).
 - Write name of the **Examination Centre**.
 - Write your full name in **Capital Letters**.
 - Put your Left Thumb Impression and full signature.
 - Write your Roll No. (10 digits) and darken the corresponding 10 ovals.
 - Darken the oval corresponding to your **Category**.
 - Darken the oval to denote your **Gender**.



4. All questions are of Multiple Choice answer type. Please darken only one of the four probable answers [A], [B], [C] or [D]. Darkening more than one oval means you are writing a wrong answer.
5. There will be negative marking for each wrong answer @1:4.
6. There are blank pages at the end of this Booklet for rough work.
7. **Hand over the OMR Answer Sheet to the Invigilator before leaving the Examination Hall.**
8. Please do not leave the Examination Hall until the examination is over.
9. Please do not fold, scratch, scrimp or tear any portion of the Answer Sheet by any chance as this will render the Answer Sheet unsuitable for computer evaluation. Keep the Sheet away from gum.
10. Please ensure that the blank dotted line along the left side of margin of side 1 as also the right side of side 2 is not damaged in any way as it may affect the computer evaluation.
11. If error is detected in any particular question the candidates are advised not to attempt the same. The Commission do not award any marks to questions having any type of error.

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Please Turn Over

1. If Coin is related to mint, in the same way Brick is related to

- (A) Foundry
- (B) Cemetery
- (C) Furnace
- (D) Kiln

2. The missing term of the following series 6, 13, 28, 59, ____, is

- (A) 122
- (B) 114
- (C) 113
- (D) 123

3. Ram has a brother Shyam. Ram is the son of Jodu. Amal is the father of Jodu. Then Shyam is related to Amal as

- (A) Son
- (B) Grandson
- (C) Brother
- (D) Cousin

4. If '-' stands for 'division', '+' stands for 'multiplication', '÷' stands for subtraction, and 'x' for addition, which one of the following equations is correct?

- (A) $6 + 20 - 12 \div 7 - 1 = 38$
- (B) $6 - 20 \div 12 \times 7 + 1 = 57$
- (C) $6 + 20 - 12 \div 7 \times 1 = 62$
- (D) $6 \div 20 \times 12 + 7 - 1 = 70$

5. In a town 70% people watched the news on television, 50% read newspapers and 40% read newspapers and watched news in the television also. The percentage of people who neither watched the news on television nor read newspapers is

- (A) 10%
- (B) 15%
- (C) 20%
- (D) 25%

6. If ROBUST is coded as QNATRS in a certain Language, which word would be coded as ZXCMP

- (A) BZEOR
- (B) AYDNQ
- (C) AWDLQ
- (D) YWBLO

7. Vigilant : Alert :: Viable : ?

- (A) Active
- (B) Hopeless
- (C) Feasible
- (D) Useful

8. Anthropology is related to man in the same way as Anthology is related to

- (A) Poems
- (B) Nature
- (C) Apes
- (D) Trees

9. Choose the Analogous pair :

Darkness : Lamp

- (A) Fatigue : Exercise
- (B) Thirst : Water
- (C) Study : Classroom
- (D) Medicine : Illness

10. Four words have been given out of which three are alike in some manner, while the fourth one is different. Choose the odd one.

- (A) Cream
- (B) Butter
- (C) Oil
- (D) Cheese

11. Choose the odd pair.

- (A) 54 — 62
- (B) 70 — 80
- (C) 21 — 24
- (D) 28 — 32

12. One evening before sunset, two friends Amal and Kamal were talking to each other face to face. If Kamal's shadow was exactly to his right side, the direction in which Amal was facing is

- (A) North
- (B) West
- (C) East
- (D) South

13. Kiran started walking positioning his back towards the sun. After sometime he turned left, then turned right and then towards the left again. The direction in which Kiran was going now is

- (A) North or South
- (B) East or West
- (C) North or West
- (D) South or West

14. There are goats and ducks in a zoo. By counting heads they are 80. The total number of their legs is 200. The number of ducks in zoo are

- (A) 20
- (B) 60
- (C) 40
- (D) 50

15. If FISH is written as EHRG in a certain code, the word JUNGLE will be written in that code as

- (A) KVOHMF
- (B) TIMFKD
- (C) ITMFKD
- (D) ITNFKD

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16. In a certain code RAIN is written as 8\$%6 and MORE is written as 7#8@. The REMAIN is written in that code as

- (A) #@7\$%6
- (B) 8@7\$%6
- (C) #@7\$%6
- (D) 7@7\$%8

17. If O = 16, FOR = 42, then FRONT is equal to

- (A) 61
- (B) 65
- (C) 73
- (D) 78

18. In a certain code, DEAF is written as 3587 and FILE is written as 7465. Then IDEAL is written in that code as

- (A) 43586
- (B) 43568
- (C) 63548
- (D) 48536

19. If 'dust' is called 'air', 'air' is called 'fire', 'fire' is called 'water', 'water' is called 'colour', 'colour' is called 'rain', 'rain' is called 'dust', then the fish lives in

- (A) Fire
- (B) Water
- (C) Colour
- (D) Dust

20. If 'P+Q' means 'P is the father of Q', 'P×Q' means 'P is the brother of Q', 'P-Q' means 'P is the mother of Q', then which of the following is definitely true about 'C-A+B'?

- (A) B is the son of A
- (B) A is the son of C
- (C) B is the father of A
- (D) C is the mother of B

Directions (Questions 21 to 25): Study the following information carefully and answer the questions that follow:

A team of five is to be selected from amongst five boys A, B, C, D, E and four girls P, Q, R, S. Some criteria for selection are

- (i) A and S have to be together
- (ii) P cannot be put with R
- (iii) D and Q cannot go together
- (iv) C and E have to be together
- (v) R cannot be put with B

Unless otherwise stated, these criteria are applicable to all the questions below:

21. If two of the members have to be boys, the team with consists of

- (A) A, B, S, P, Q
- (B) Q, R, A, D, S
- (C) S, R, Q, B, D
- (D) E, S, C, P, Q

22. If R be one of the members, the other members of the team are

- (A) P, S, A, D
- (B) Q, S, A, D
- (C) Q, S, C, E
- (D) S, A, C, E

23. If two of the members are girls and D is one of the members, the members of the team other than D are

- (A) P, Q, B, C
- (B) P, Q, C, E
- (C) P, S, A, B
- (D) P, S, C, E

24. If A and C are members, the other members of the team cannot be

- (A) E, B, S
- (B) S, D, E
- (C) P, S, E
- (D) P, Q, E

25. If including P at least three members are girls, the members of the team that P are

- (A) Q, S, B, D
- (B) Q, S, A, B
- (C) Q, S, C, E
- (D) R, S, A, D

26. The missing term of the series 3, 10, 29, 66, 127, _____, is

- (A) 164
- (B) 187
- (C) 216
- (D) 218

27. The wrong numbers in the series 3, 8, 15, 24, 34, 48, 63 is

- (A) 15
- (B) 24
- (C) 34
- (D) 48

28. Botany : Plants :: Entomology : ?

- (A) Snakes
- (B) Insects
- (C) Birds
- (D) Germs

29. Gravity is related to pull in the same way as Magnetism is related to

- (A) Attraction
- (B) Repulsion
- (C) Separation
- (D) Push

30. Choose the Analogous pair

Fish : Shoal

- (A) Audience : Theatre
- (B) Shark : School
- (C) Elephant : Flock
- (D) Whale : Herd

31. Choose the correct antonym to the word in capital letters: CONSPICUOUS

- (A) Visible
- (B) Hidden
- (C) Obvious
- (D) Observable

32. The culprit is still _____ large.

- (A) by
- (B) at
- (C) on
- (D) with

33. As _____ is to elephants, Quacking is to ducks.

- (A) Trumpeting
- (B) Growling
- (C) Squeaking
- (D) Buzzing

34. Choose the correct synonym to the word in capital letters: INGENUITY

- (A) Ineptness
- (B) Inability
- (C) Inventiveness
- (D) Incapacity

35. He is fond _____ playing football.

- (A) by
- (B) of
- (C) in
- (D) with

36. Which of the following is the correct sentence?

- (A) She does not resemble to either of her parents.
- (B) She does not resemble either of her parents.
- (C) She does not resemble both of her parents.
- (D) She does not resemble to none of her parents.

37. The judge imposed a heavy penalty _____ him.

- (A) upon
- (B) on
- (C) over
- (D) for

38. The introduction of tea and coffee and such other beverages _____ not been without some effect.

- (A) have
- (B) has
- (C) are
- (D) is

39. I am indebted _____ my friend for the timely help.

- (A) to
- (B) on
- (C) upon
- (D) of

40. Do not rub _____ the fact that she was unsuccessful.

- (A) upon
- (B) over
- (C) on
- (D) with

41. I have eaten nothing _____ yesterday.
 (A) since
 (B) from
 (C) till
 (D) for
42. As best is for good, _____ is for bad.
 (A) worse
 (B) worst
 (C) inferior
 (D) lowest
43. Rama lives _____ Park Street.
 (A) in
 (B) at
 (C) on
 (D) by
44. Neither praise nor blame _____ to affect her.
 (A) seem
 (B) seems
 (C) seeming
 (D) are seeming
45. Which of the following is a correct sentence?
 (A) Seldom had the little town witnessed a more costlier celebration.
 (B) Seldom had the little town witnessed a very costlier celebration.
 (C) Seldom had the little town witnessed a most costlier celebration.
 (D) Seldom had the little town witnessed a costlier celebration.
46. Choose the correct synonym to the word in capital letter: ADEPT
 (A) Clumsy
 (B) Proficient
 (C) Smooth
 (D) Caring
47. Choose the correct antonym to the word in capital letters: DAINTY
 (A) Dull
 (B) Delicate
 (C) Liberty
 (D) Simple
48. Which of the following is the correct sentence?
 (A) I need not offer any explanation regarding this incident – my behavior is speaking itself.
 (B) I need not offer any explanation regarding this incident – my behavior has been speaking itself.
 (C) I need not offer any explanation regarding this incident – my behavior speaks for itself.
 (D) I need not offer any explanation regarding this incident – my behavior speak itself.
49. What is the meaning of ambiguous?
 (A) Impression
 (B) Requirement
 (C) Obscure
 (D) Interpretation
50. A mirage is an optical _____.
 (A) Allusion
 (B) Illusion
 (C) Elusion
 (D) Disillusion

51. Will you _____ me of your decision?
 (A) raise
 (B) apprise
 (C) advise
 (D) comprise
52. The enemy finally gave _____ to the interrogation.
 (A) in
 (B) away
 (C) up
 (D) off
53. The cost of all food articles _____ risen.
 (A) are
 (B) have
 (C) is
 (D) has
54. Choose the word that doesn't fit.
 (A) Lovely
 (B) Charming
 (C) Beautiful
 (D) Helpful
55. The teacher said, "Ramu, you should try hard." The indirect form of the sentence is
 (A) The teacher said Ramu that he should try hard.
 (B) The teacher told Ramu that you should try hard.
 (C) The teacher said to Ramu "you should try hard."
 (D) The teacher told Ramu that he should try hard.
56. I wish I _____ a better memory.
 (A) have
 (B) had
 (C) did
 (D) has
57. When I woke up, my friend _____ breakfast.
 (A) Already prepared
 (B) had already prepared
 (C) have already prepared
 (D) was already preparing
58. The passive form of the sentence "The audience loudly cheered the leader's speech" is
 (A) The leader's speech was loudly cheered by the audience.
 (B) The audience was loudly cheering the leader's speech.
 (C) A loud cheering of the leader's speech was done by the audience.
 (D) The leader's speech had a low cheering audience.
59. Who is a 'Philatelist'?
 (A) A person who loves birds
 (B) A person who collects and studies postage stamps
 (C) A teacher or advisor
 (D) A person who is clever at something
60. The negative form of the sentence "As soon as he saw us, he ran away" is
 (A) He did not run away on seeing us.
 (B) He did not see us but ran away.
 (C) No sooner did he see us than he ran away.
 (D) No sooner did he see us but he ran away.

61. To go to a specific location in a document we use

- (A) Table of Contents
- (B) Hyper Text
- (C) Macro
- (D) Bookmark

62. We can start MS Word by typing _____ in the Run Dialog box.

- (A) winword.exe
- (B) word.exe
- (C) msword.exe
- (D) docx.exe

63. Which menu / group will we use if we want to change the typeface of selected text?

- (A) Edit
- (B) View
- (C) Format
- (D) Tools

64. Text-styling feature of MS Word is

- (A) Word Color
- (B) Word Font
- (C) Word Art
- (D) Word Fill

65. Functions in MS Excel must begin with

- (A) An () sign
- (B) An Equal sign
- (C) A Plus sign
- (D) A > sign

66. In Excel, which one denoted a range from B1 through E5?

- (A) B1 - E5
- (B) B1 : E5
- (C) B1 to E5
- (D) B1 \$ E5

67. The process of transferring files from a computer on the Internet to your computer is called

- (A) Uploading
- (B) Forwarding
- (C) FTP
- (D) Downloading

68. Which item appears dimly behind the main body text?

- (A) Water Color
- (B) Background
- (C) Watermark
- (D) Back Color

69. Which key combination is used to insert a Line Break?

- (A) Shift + Enter
- (B) Alt + Enter
- (C) Ctrl + Enter
- (D) Fn + Enter

70. We can insert a page number at

- (A) Header
- (B) Footer
- (C) Both (A) and (B)
- (D) None of the above

71. In a PowerPoint presentation
- (A) sound clips can be inserted but not movie clips.
 - (B) movie clips can be inserted but not sound clips.
 - (C) Both cannot be inserted.
 - (D) Both can be inserted.
72. Moving from one website to another is called
- (A) Downloading
 - (B) Browsing
 - (C) Uploading
 - (D) Attachment
73. When you delete a text box object from a slide in PowerPoint Presentation
- (A) the object is deleted but text box and the text inside is left on the slide.
 - (B) the text box is deleted and the text is pasted on the slide.
 - (C) the text box and text both are deleted.
 - (D) None of the mentioned will happen
74. What happens if you edited an image inserted in PowerPoint?
- (A) The original file that was inserted is not changed.
 - (B) The original file that was inserted is changed.
 - (C) The original file is changed when you save presentation.
 - (D) The original file will be deleted.
75. What is defined by the handout master?
- (A) Slide formatting
 - (B) Layout of audience handout notes
 - (C) Handout content formatting for Microsoft word export
 - (D) All of the mentioned
76. To edit the text within the boxes of an organization chart, you
- (A) select the box and text, and then make changes.
 - (B) select the box, and then make the changes.
 - (C) highlight the text, and then make the changes.
 - (D) (A) and (B) both
77. Superscript, subscript and strikethrough are known as
- (A) Font Face
 - (B) Font Style
 - (C) Font Effects
 - (D) Font Format
78. Objects on the slide that hold text are called
- (A) Placeholders
 - (B) Object holders
 - (C) Auto layouts
 - (D) Text holders
79. Which feature is used to make selected sentence to All Capital Letters or All Small Letters?
- (A) Change Letter
 - (B) Change Sentence
 - (C) Change Case
 - (D) Change Word
80. Verification of a login name and password in web page is known as
- (A) Configuration
 - (B) Accessibility
 - (C) Authentication
 - (D) Logging in

81. Which option makes selected text Italic?

- (A) Ctrl + I
- (B) Ctrl + A
- (C) Ctrl + S
- (D) Ctrl + V

82. Which function in Excel tells how many numeric entries are there?

- (A) NUM
- (B) COUNT
- (C) SUM
- (D) CHKNUM

83. If you want to insert some slides from other presentation into current one choose

- (A) from Insert menu choose Slides from Files.
- (B) from Insert menu choose Slides from Presentation.
- (C) from Insert menu choose Slides.
- (D) None of mentioned will work

84. How many sheets are there, by default, when we create a new Excel file?

- (A) 1
- (B) 3
- (C) 5
- (D) 10

85. The difference between Slide Design and Auto Content Wizard is

- (A) Both are same
- (B) Auto Content Wizard is just the wizard version of Slide Design
- (C) Slide Design does not provide sample content, but Auto Content Wizard provides sample content too
- (D) Slide Design asks your choice in steps, but Auto Content Wizard does not let you make choices

86. Which one can be used as watermark in a word document?

- (A) Text
- (B) Image
- (C) Both (A) and (B)
- (D) None of the above

87. If you have a PowerPoint show you created and want to send using email to another teacher you can add the show to your email message as a/an

- (A) Inclusion
- (B) Attachment
- (C) Reply
- (D) Forward

88. Where footnotes appear in a document?

- (A) End of document
- (B) Bottom of a Page
- (C) End of Heading
- (D) None of the above

89. Which of the following method can insert a new slide in current presentation?

- (A) Right click on the Slide panel and choose New Slide
- (B) From Insert menu choose New Slide
- (C) Click on New Slide button on toolbar
- (D) All of the mentioned

90. The space left between the margin and the start of a paragraph is called

- (A) Spacing
- (B) Gutter
- (C) Indentation
- (D) Alignment

91. IRDP was introduced during the

- (A) Third Five-year plan
- (B) Sixth Five-year plan
- (C) Fifth Five - year plan
- (D) Fourth Five- year plan

92. The word 'Economics' is taken from which language?

- (A) French
- (B) Greek
- (C) German
- (D) English

93. The concept of 'Vicious circle of Poverty' is related to

- (A) Karl Marx
- (B) Nurkse
- (C) Adam Smith
- (D) None of them

94. Tuareg is a Pastoral nomad living in the desert of

- (A) Kalahari
- (B) Sahara
- (C) Arabia
- (D) Patagonia

95. The animal which can tolerate more summer heat is

- (A) Buffalo
- (B) Cow
- (C) Goat
- (D) Donkey

96. What is the total number of ear bones?

- (A) 1
- (B) 3
- (C) 6
- (D) 12

97. How many players are there in a water polo team?

- (A) 6
- (B) 8
- (C) 11
- (D) 7

98. Russian Revolution broke out in the year

- (A) 1919
- (B) 1916
- (C) 1917
- (D) 1918

99. Which country awards Nobel Prize?

- (A) France
- (B) Sweden
- (C) Switzerland
- (D) U.S.A.

100. Wildlife Protection Act was implemented in India in

- (A) 1972
- (B) 1986
- (C) 1964
- (D) 1956

101. 'Consumer Protection Act' was implemented in India in

- (A) 1989
- (B) 1984
- (C) 1986
- (D) 1988

102. The study of Drugs and their action is known as

- (A) Pharmacy
- (B) Palacozoology
- (C) Pharmacology
- (D) Palacontology

103. Who is the author of the book 'Romancing with life'?

- (A) Shashi Tharoor
- (B) Bill Clinton
- (C) Kapil Dev
- (D) Dev Anand

104. Which Mughal Emperor prohibited the use of Tobacco?

- (A) Muhammad Shah
- (B) Babur
- (C) Jahangir
- (D) Aurangzeb

105. The metal used for making aircrafts and rockets is

- (A) Lead
- (B) Aluminium
- (C) Nickel
- (D) Copper

106. Air pressure is lowest in

- (A) Winter season
- (B) Spring season
- (C) Autumn season
- (D) Summer season

107. The Nobel Peace Prize is awarded in which city?

- (A) Brussels
- (B) Geneva
- (C) Oslo
- (D) Stockholm

108. On which of the following rivers is Bangkok located?

- (A) Mekong
- (B) Chao Phraya
- (C) Chindwin
- (D) Salween

109. Alberuni came to India with

- (A) Mohmud of Gazni
- (B) Alexander
- (C) Babur
- (D) Timur

110. The first Indian Satellite to go into orbit is

- (A) Rohini
- (B) Bhaskara-1
- (C) Aryabhata
- (D) Insat-1A

111. When did man first land on moon?

- (A) 1954
- (B) 1959
- (C) 1965
- (D) 1969

112. The Rajyasabha has a life of

- (A) 2 years
- (B) 6 years
- (C) 7 years
- (D) Permanency

113. The first General elections in India were held in

- (A) 1949
- (B) 1950
- (C) 1951
- (D) 1947

114. Pablo Picasso, the famous painter was

- (A) French
- (B) Italian
- (C) Australian
- (D) Spanish

115. Japan is nearly self-sufficient in

- (A) Bauxite
- (B) Iron ore
- (C) Copper
- (D) Mineral oil

116. Which of the following is biodegradable

- (A) Leather belts
- (B) Silver foil
- (C) Iron nails
- (D) Plastic mugs

117. Relative humidity is expressed as

- (A) Grams
- (B) Kilograms
- (C) Percentage
- (D) Ratio

118. The percentage of carbon in cast Iron

- (A) 0.01 to 0.25
- (B) 0.5 to 1.5
- (C) 6 to 8
- (D) 3 to 5

119. The Sufi Movement originally started from

- (A) Persia
- (B) Delhi
- (C) Lahore
- (D) Kabul

120. A spinning neutron star is known as

- (A) White dwarf
- (B) Black hole
- (C) Pulsar
- (D) Quasar

121. In covering a distance of 30 km, Celine takes 2 hours more than Sam. If Celine doubles his speed then he would take 1 hour less than Sam. Celine's speed is

- (A) 5 kmph
- (B) 6 kmph
- (C) 6.25 kmph
- (D) 7.5 kmph

122. The salaries of A, B, C are in the ratio 1:3:4. If the salaries are increased by 5%, 10%, 15% respectively then the increased salaries will be in the ratio

- (A) 20:66:95
- (B) 21:66:96
- (C) 21:66:92
- (D) 19:66:92

123. Greatest number which divides 926 and 2313 leaving 2 and 3 remainders respectively, is

- (A) 52
- (B) 54
- (C) 152
- (D) 154

124. The next number in the sequence 19,29,37,43.....is

- (A) 45
- (B) 47
- (C) 50
- (D) 53

125. A tank can be filled up by two pipes A and B in 2 hours and 3 hours respectively. A third pipe C can empty the full tank in 6 hours. If all the taps can be turned on at the same time, the tank will be full in

- (A) 1 hour
- (B) 40 minutes
- (C) 1 hour 30 minutes
- (D) 3 hours

126. The last day of a century cannot be

- (A) Monday
- (B) Wednesday
- (C) Tuesday
- (D) Friday

127. With a speed of 60km/hour a train crosses a bridge of 200 meters in 30 seconds. The length of the train is

- (A) 500m
- (B) 300m
- (C) 350m
- (D) 450m

128. If a commission of 20% is given on the written price, the gain is 60%. What shall be the percentage of gain if the commission is increased to 30%?

- (A) 30
- (B) 20
- (C) 40
- (D) 35

129. In an examination every candidate took Physics, Mathematics or both. 65.8% took Physics and 59.2% took Mathematics. The total number of candidates was 2000. How many took both Mathematics and Physics?

- (A) 750
- (B) 700
- (C) 550
- (D) 500

130. The difference between simple interest and compound interest on 2000 for 3 years at 5% is

- (A) 10.25
- (B) 15.25
- (C) 12.25
- (D) 11.35

131. The least number by which 450 must be multiplied in order to make it a perfect square is

- (A) 4
- (B) 2
- (C) 3
- (D) 5

132. Find the largest number of four digits such that on dividing by 15, 18, 21 and 24 the remainder are 11, 14, 17 and 20 respectively.

- (A) 6557
- (B) 7556
- (C) 5675
- (D) 7664

133. Telegraph poles are at a distance of 25 meters. A railway passenger counts the pole as he passed them. How many will he have passed in 4 hours if the speed of the train is 45 kilometer per hour?

- (A) 3600
- (B) 6800
- (C) 7200
- (D) 7800

134. Of the two kinds of alloys, silver and tin are contained in the first in the ratio 5:1 and in the other, in the ratio 6:2. In what ratio of two alloys should be melted and mixed together so as to make up a 5Kg mass in 80% of Silver?

- (A) 2:3
- (B) 3:2
- (C) 1:3
- (D) 3:1

135. How many prime numbers are there between 50 and 1000?

- (A) 8
- (B) 9
- (C) 10
- (D) 11

136. A boat running upstream takes 8 hours 48 minutes to cover a certain distance, while it takes 4 hours to cover the same distance running downstream. What is the ratio of the speed of the boat and the speed of water current respectively?

- (A) 2 : 1
- (B) 3 : 2
- (C) 8 : 3
- (D) 7 : 5

137. If the price of sugar is raised by 20% by how much per cent a householder must reduce his consumption so as not to increase the expenditure?

- (A) 16.67%
- (B) 20%
- (C) 12.75%
- (D) 8.33%

138. Anil, Vijay and Prateek go on a tour and agree to share the expenses equally. Each starts with Rs. 1000.00 and at the end of tour Anil has Rs. 576.00, Vijay has Rs. 448.00 and Prateek has Rs. 512.00 left with them. How should they settle their accounts?

- (A) Vijay should pay Rs. 52 to Prateek
- (B) Vijay should pay Rs. 64 to Prateek
- (C) Anil should pay Rs. 64 to Prateek
- (D) Anil should pay Rs. 64 to Vijay

139. The Chairman arrived at the interview room for conducting an interview at 10 minutes to 12-30 hours. He was earlier by twenty minutes than the other members of the board who arrived 30 minutes late from the scheduled time. At what time was the interview scheduled?

- (A) 12.30 hours
- (B) 12.10 hours
- (C) 12.20 hours
- (D) 12.40 hours

140. A thief running at 8 kms/ hour is chased by a policeman whose speed is 10 km/hour. If the thief is 100 meters ahead of the policeman at the commencement of the chase then the time required for the policeman to catch the thief will be

- (A) 2 minutes
- (B) 6 minutes
- (C) 3 minutes
- (D) 10 minutes

141. On selling an article for Rs. 700.00, the loss is 20%. To make a profit of 20% the article must be sold at

- (A) Rs. 1050.00
- (B) Rs. 850.00
- (C) Rs. 1075.00
- (D) Rs. 875.00

142. A boat moves downstream at the rate 1 km in 6 minutes and upstream at the rate 4 km/hour. What is the speed of boat in still water?

- (A) 8 km/hour
- (B) 7 km/hour
- (C) 9 km/hour
- (D) None of the above

143. Train A travelling at 63 kilometer per hour can cross a platform 199.5 meters in 21 seconds. How much would train A take to completely cross the train B (from the moment they meet), 157 metres long and travelling 54 kilometers per hour in opposite direction (in seconds)?

- (A) 16
- (B) 18
- (C) 12
- (D) 10

144. There is 60% increase in an amount in 6 years at simple interest. What will be compound interest of Rs. 12000 after three years at the same rate?

- (A) Rs. 2160.00
- (B) Rs. 3120.00
- (C) Rs. 3972.00
- (D) Rs. 3240.00

145. Rabi gets 3 marks for each correctly done question and loose 2 marks for each wrongly done question. He attempted 30 questions and got 40 marks. The number of mistakes he did

- (A) 10
- (B) 5
- (C) 14
- (D) 9

146. A hollow iron pipe is 21 cm long and 8cm in diameter. If the thickness of the pipe is 1cm and iron weights 8 gram per cubic centimeter, then the weight of pipe is

- (A) 3.6 Kg
- (B) 3.696 Kg
- (C) 36 Kg
- (D) 36.9 Kg

147. The population of a town is 155625. For every 1000 males there are 1075 females. If 40% of males and 24% of the females are literate find the percentage of literacy in the town.

- (A) 33.7
- (B) 32.7
- (C) 31.7
- (D) 30.7

148. The wrong number in the series 3, 7, 13, 22, 31, 43 is

- (A) 7
- (B) 22
- (C) 31
- (D) 43

149. 10 sheep and 5 pigs were bought for Rs. 6000.00. If the average price of a sheep is Rs. 450.00 find the average price of pig.

- (A) Rs. 380.00
- (B) Rs. 410.00
- (C) Rs. 340.00
- (D) Rs. 300.00

150. Sixteen men can complete a work in fifteen days. Twenty four children can do the same work in twenty days. In how many days will eight men and eight children together complete the same work?

- (A) 16
- (B) 15
- (C) 25
- (D) None of these