Question Booklet No.	Question Booklet Series
4832	**D**

OBJECTIVE(MCQ) TYPE TEST

POST GRADUATE PROGRAMME - 2022

PG

(Do not open this QUESTION BOOKLET until you are asked to do so)

Maximum Marks : 150   Duration of Test : 2.30 Hours

(Use Ball point Pen to fill up this cover page of the Question Booklet)

Name of the Candidate :.. Roll No. : ....

Date of Examination : ....

Signature of the Candidate : ....

IMPORTANT INSTRUCTIONS

Candidates should read the following instructions carefully and fill all the required particulars before answering the questions:

1) The Question Booklet has paper seal pasted on it. Candidates should open the Question Booklet only when they are asked to do so by the Invigilator.

2) Immediately after breaking the seal the candidates must check that Question Booklet has 150 questions with multiple choice answers. **If there is any discrepancy, immediately report to the Invigilator, for change of Booklet.**

3) Each Question Booklet has a Booklet Series A, B, C and D (printed at the Right Top Corner of the page) mentioned on it, which every candidate must carefully fill in the respective place provided for this in the OMR Answer Sheet. Failing to copy this series code in the OMR Answer Sheet will be liable to rejection of the OMR Answer Sheet.

4) Candidate must write his/her Name, Roll No., Date and then Sign on the front page of the Question Booklet at the appropriate places marked for this purpose.

5) Answers will have to be given on the Special OMR Answer Sheet supplied for this purpose. Question numbers progress from 1 to 150 with alternative answers shown as A, B, C and D.

6) Answer Sheets will be processed by electronic means. Hence, invalidation of Answer Sheet resulting due to folding or putting stray marks on it or any damage to the answer sheet as well as incomplete / incorrect filling of the answer sheet, will be the sole responsibility of the Candidate.

7) Please use **only blue or black ball point pen** to mark your answers.

8) While answering, choose only the Correct Alternative Answer from the four choices given alongwith the question and respond the same by shading the corresponding *CIRCLE* in the OMR Answer Sheet only. **Answers without any response, shall be awarded zero mark. There will be negative marking and 1/4th marks will be deducted for every wrong answer.**

9) Darken completely only one *CIRCLE* which you think is correct as shown in the figure below :

Correct Method   Wrong Method

10) Mark the answers only in the space provided. Please do not make any stray marks on the answer sheet. Rough work must be done on the pages (Space for Rough Work) given at the end of the Question Booklet and/or inside the Question Booklet.

11) **Please hand over the Question Booklet and the OMR Answer Sheet to the Invigilator before leaving the Examination Hall.**

12) Use of any electronic Device like <u>Mobile, Calculator etc.</u> is strictly prohibited, if found in possession, your candidature will be cancelled.

GENERAL ENGLISH

Directions for question no. 1 to 6:

Each of the following sentence has a blank space and four words are given after the sentence. Select which word you consider the most appropriate for the blank space and indicate your response.

1. She has been lying in bed for the last fortnight. I hope she will ....
   A) come out   B) pull out   C) pull through   D) go out

2. The path of progress is beset .... difficulties.
   A) with   B) by   C) through   D) plugged off

3. The lecture was not very interesting. In fact I .... off in the middle of it.
   A) kept   B) put   C) dozed   D) drove

4. The old woman could go on foot, but she preferred going ___ car.
   A) in   B) by   C) into   D) through

5. I have known her _____ a long time.
   A) since   B) for   C) at   D) before

6. He visits the needy to relieve them .... their sufferings and poverty.
   A) in   B) with   C) of   D) on

Directions for question no. 7 to 12:

Given below are some idioms/phrases followed by four alternative meanings to each. Choose the response with the most appropriate meaning. (A), (B), (C) or (D)

7. Turn a blind eye
   A) To run away
   C) To change a situation
   B) To begin to behave in a more positive manner
   D) To choose to ignore behavior that you know is wrong

8. To be in seventh heaven
   A) To fly in the air
   B) to be extremely happy
   C) To be completely alone
   'D) To visit a place which is in the lit of the seven wonders of the world.

9. A show-stopper
   A) someone who commences the show
   C) a performance that is extremely good
   B) someone who organizes the show
   D) a fashionable person

10. Bite your tongue
    A) To stop yourself from saying something because it would be better not to
    B) To bite off your tongue while eating
    C) To feel sorry
    D) To feel sad .

11. Yellow journalism
   A) Paid storytelling
   B) Government reports published on yellow coloured papers
   C) Refers to sensationalistic or biased stories that newspapers present as objective truth
   D) Journalism which agrees completely with the policies of the government and capitalists

12. Fight tooth and nail
   A) To do everything you can in order to achieve something
   B) To attack someone with a lot of force
   C) To try hard to prevent something from happening
   D) To try very hard to stop something

Directions for question no. 13 to 17 :
   Fill up the blanks with suitable prepositions from the alternatives given under each sentence.

13. His professional ability proves that he is cut .... for this job. ·
   A) out   B) up   C) down   D) in

14. The history of Hindu religion dates .... ancient times.
   A) from   B) in   C) for   D) on

15. Now government servants have the day .... every Saturday.
   A) out   B) off   C) since   D) on

16. Nothing can deter him .... pursuing his aim of life.
   A) for   B) from   C) in   D) on

17. After the death of his father the responsibility has devolved .... him.
   A) on   B) at   C) from   D) in

Directions for question no. 18 to 22 :
   In the following questions, the sentence given with blank are to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

18. The psychopath gets a .... sense of enjoyment from torturing animals.
   A) perverse   B) agreeable   C) happy   D) reasonable

19. She bore bitter feelings of .... toward her ex-husband.
   A) amusement   B) excitement   C) judgement   D) resentment

20. The committee reached .... decision regarding the appointment of the chairman.
   A) a compatible   B) a unanimous   C) an exemplary   D) an agreeable

21. It is hard to conceive of a more .... route than the one that this determined traveler chose to follow.
   A) stimulating   B) dashing   C) daunting   D) provoking

22. She got a lucrative job of a translator because she was .... in French.
   A) sufficient   B) efficient   C) deficient   D) proficient

GENERAL KNOWLEDGE

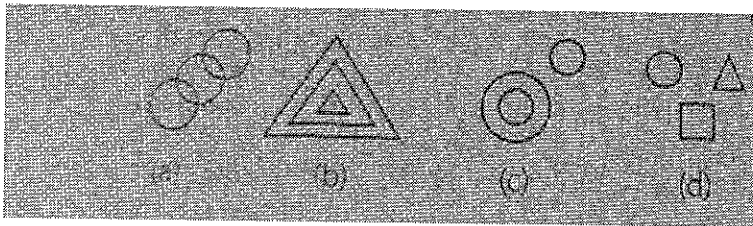41. In the countries given below one country does not belong to Asia is :
    A) Myanmar   B) Sri Lanka   C) Ethiopia   D) Mongolia

42. The value of 40 degrees Celsius in Fahrenheit scale is
    A) 104°F   B) 100°F   C) 102°F   D) 75°F

43. The normal temperature of human body is
    A) 37°C   B) 37°F   C) 104°F   D) 98.6°C

44. At what temperature the density of the water is maximum ?
    A) 0°C   B) -4°C   C) 100°C   D) 4°C

45. What is called the process of converting gas into liquid ?
    A) Radiation   B) Condensation   C) Sublimation   D) Evaporation

46. Air bubble in water behaves as a
    A) Concave lens   B) Convex lens   C) Plain glass   D) None of these

47. Which one of the following phenomena is used in optical fibres
    A) Scattering   B) Successive reflections
    C) Total internal refraction   D) Total internal reflection

48. .... is not required for running a computer.
    A) Mother board   B) CPU   C) Internet   D) RAM

49. .... is a process of searching bugs in software.
    A) Compiling   B) Testing   C) Running   D) Debugging

50. The set of instructions which tells a computer what to do is called .....
    A) Matrix   B) Instructor   C) Compiler   D) Program

51. The Parliament has a sanctioned strength of _____ seats in the Rajya Sabha
    A) 543   B) 245   C) 500   D) 200

52. In Lok Sabha how many members can be nominated by the President from the Anglo-Indian Community?
    A) 1   B) 5   C) 2   D) 10

53. The Lok Sabha comprises of a total of _____seats?
    A) 525   B) 541   C) 543   D) 545

54. Narasimhan Committee is related to :
    A) Bank Sector Reform   B) Agricultural Reform   C) Insurance Sector Reform   D) A and B are correct

55. Which one of the following is the cause of long-term sea-level change ?
    A) Atmospheric pressure B) Tides   C) Melting of icebergs   D) Earthquake

REASONING

In the following questions some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the unsolved question.
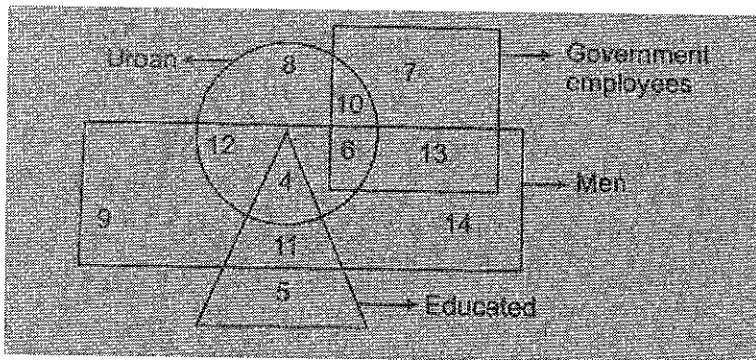
81. If 85+25 = 50 and 97+65 = 93 then 72+94 =?
   A) 92   B) 50   C) 67   D) 60

82. If 4267 = 10 and 3374 = 9, then 4255 =?
   A) 12   B) 10   C) 20   D) 8

83. Which of the following diagrams best represents the relationship among Uttar Pradesh, Kanpur, Raipur?

   A) (A)   B) (B)   C) (C)   D) (D)

Consider the following Venn diagram and answer the questions that follow.

84. In the following diagram, which of the following represents the educated men but not urban?
   A) 9   B) 5   C) 4   D) 11

85. In the following diagram, which of the following represents a man who is urban as well as a Government employee?
   A) 7   B) 13   C) 10   D) 6

86. T, S and R are three brothers. T's son Q is married to K and they have one child Rahul blessed to them. M the son of S is married to H and this couple is blessed with a daughter Madhvi. R has a daughter N who is married to P. This couple has one daughter Karuna born to them. How is Madhvi related to S?
   A) Daughter   B) Niece   C) Grand Daughter   D) None of these

87. If each of the twelve digits on a watch is replaced by English vowels a, e, i, o, u in sequence (1 by a, 2 by e, and so on), the hour hand will be between which pair of vowels at 9 : 30 am?

A) ae   B) ua   C) oa   D) ou

88. If January 1 is a Friday, then what is the first day of the month of March in a leap year?

A) Tuesday   B) Wednesday   C) Sunday   D) Monday

89. The day on 18.09.1977 was Sunday A couple was married on this date. How many marriage Anniversaries would fall on Sunday in the next 15 Years?

A) 1   B) 2   C) 3   D) 0

90. The time in a clock is quarter past twelve. If the hour hand points to the East, which is the direction opposite to the minute hand?

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

Directions for question no. 91 & 92:

Select a suitable figure from the Answer Figures that would replace the question mark (?).

91. Problem Figures: Answer Figures:

(A)   (B)   (C)   (D)   (1)   (2)   (3)   (4)

A) 1   B) 2   C) 3   D) 4

92. Problem Figures: Answer Figures:

(A)   (B)   (C)   (D)   (1)   (2)   (3)   (4)

A) 1   B) 2   C) 3   D) 4

93. The question has four analogies from A to D. Mark the correct analogy.

Money : Transaction

A) Life : Death   B) Water : Drink

C) Ideas : Exchange   D) Language : Conversation

94. In a certain code MOAN is written as 5%3$ and NEWS is written as $1@8. How is SOME written in that code?

A) 8 % 51   B) 85 % 8   C) 8 @ 51   D) 8 % 31

Directions for question no. 95 & 96:

What value should come in place of the question mark (?) in the series given below?

95. A1Z, E2V, I6R, M21N, Q88J, ?

A) F445 U   B) U 445 F   C) G342 C   D) V 441 G

NUMERICAL ABILITY

121. L.C.M of $\frac{1}{3}, \frac{5}{6}, \frac{2}{9}, \frac{4}{27}$ is

A) $6\frac{2}{3}$ B) $5\frac{1}{3}$ C) $7\frac{2}{3}$ D) $2\frac{2}{3}$

122. A man purchased 120 pens at the rate of Rs 10 per pen. He sold 80 pens at a gain of 10%. The gain at which he must sell the remaining pens so as to gain 20% on the whole outlay is

A) 220   B) 200   C) 180   D) 160

123. A trader sell his goods at a discount of 20%. He still makes a profit of 25%. If he sells the goods at the marked price only, his profit will be

A) 56.25%   B) 25.56%   C) 50.25%   D) 54.25%

124. Some x students planned for a picnic at an estimate of Rs. 500 for the food. But 5 of them failed to go and thus the Cost of food for each member increased by Rs. 5. The value of x is

A) 15   B) 20   C) 25   D) 30

125. The average of nine consecutive odd numbers is 53. The least odd number is

A) 22   B) 27   C) 35   D) 45

126. The average marks of 100 students were found to be 40. Later on it was discovered that a score of 53 was misread as 83. Find the correct average

A) 38.7   B) 39   C) 39.7   D) 41

127. Rohit invested a certain amount at the rate of 6% p.a. and obtained a simple interest of Rs. 8730 at the end of 3 years. What amount of compound interest would be obtained on the same amount at the same rate of interest at the end of 2 years ?

A) Rs. 5820   B) Rs. 5949.60   C) Rs. 5900   D) 5994.60

128. The sum of five consecutive even number of set A is 220 what is the sum of a different set of five consecutive numbers whose second lowest number is 37 less than double of the lowest number of set A.

A) 220   B) 225   C) 235   D) 243

129. Rs 80 per head is charged when there are 25 boarders in a PG and Rs 70 Per head when there are 50 boarders. Find the charge per head when there are 100 boarders.

A) 62   B) 65   C) 60   D) 55

130. A solid spherical copper ball whose diameter is 14 cm is melted and converted into a wire having diameter equal to 14 cm. The length of the wire is

A) 27 cm   B) $\frac{16}{3}$ cm   C) 15 cm   D) $\frac{28}{3}$ cm

131. Mohan's age 15 years hence will be 5 times his age 5 years back. What is the Present age of Mohan ?

A) 15 years   B) 10 years   C) 12 years   D) 20 years

132. The sum of the ages of five children born at intervals of 3 years each is 50 years. What is the age of the youngest child ?

A) 8 years   B) 9 years   C) 4 years   D) 10 years

133. The least number which, when divided by 16, 18, 20 and 25 leaves 4 as remainder in each case but when divided by 7 leaves no remainder. The number is

A) 10808   B) 18004   C) 21602   D) 32404

Directions for question no. 141 to 145 :

Study the following table and answer the question below it.

Percentage Share of Major Countries in Global Production of Natural Rubber

Figure in percentage

Years	Countries				
	A	B	C	D	Others
1960	4	27	38	16	15
1970	7	25	39	13	16
1980	9	23	38	14	16
1990	8	28	38	13	13
2000	11	22	34	15	18

141. In which country, the percentage share of global production remains steady during 1980-1990?
   A) B   B) A   C) D   D) C

142. If the global production of rubber in 1980 was 140 thousand tones then, production in country D was (in tones)
   A) 19800   B) 18800   C) 20000   D) 19600

143. If the global production of rubber in 2000 is double that of 1970, then the percentage change in production in country B during the period is
   A) – 12   B) + 76   C) + 19   D) + 12

144. If the global production of rubber in 1980 and 1990 remains almost the same, then in which country the production improves most?
   A) A   B) D   C) C   D) B

145. Which country is the global leader in rubber production?
   A) C   B) A   C) D   D) B

146. A hemispherical bowl of interval radius 15 cm contains a liquid. The liquid is to be filled into cylindrical shaped bottles of diameter 5 cm and height 6 cm. The number of bottles required to empty the bowl is
   A) 30   B) 40   C) 50   D) 60

147. The sum of ($5^3 + 6^3$) is equal to
   A) 270   B) 1231   C) 431   D) 341

148. The first three numbers in a series are – 3, 0, 3, the 10th number in the series will be
   A) 18   B) 21   C) 24   D) 27

149. The middle term of an arithmetic series 3, 7, 11 .... 147 is
   A) 71   B) 75   C) 79   D) 83

150. The series 1 + 3 + 5 + 7 + ... up to nth term = 49. The value of (n – 1) is
   A) 5   B) 4   C) 6   D) 7