

Question Booklet No.

Question Booklet Code

C

Candidates Roll Number

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Roll No. (in words.....)

.....(Signature of Candidate)

I have checked the entries made above and in the OMR Sheet by the candidate.

.....(Signature of Invigilator)

Time allowed :1 Hour 30 Minutes

Total Questions: 90

Maximum Marks: 90

IMPORTANT INSTRUCTIONS FOR THE CANDIDATES**KINDLY READ THE FOLLOWING INSTRUCTIONS BEFORE ATTEMPTING QUESTION PAPER**

1. Attempt all the questions. Each question is of one (01) mark.
2. There is no negative marking.
3. Before attempting the question paper kindly check that this booklet has a total of 90 questions. At the start of the examination and within first five minutes, the candidates are advised to ensure that all pages of test booklet and the OMR answer sheet are properly printed and test booklet is not damaged in any manner. In case of any discrepancy, the candidate should immediately report the matter to the Invigilator for replacement of test booklet and OMR Answer sheet. No claim in this regard will be entertained after five minutes of start of examination.
4. All the candidates must return the test booklet as well as answer-sheet to the invigilator concerned before leaving the Examination Hall. If any candidate leaves the Examination Hall without handing over the test booklet/answer sheet to the invigilator, a case of use of unfair means/misbehaviour will be registered against him/her in addition to lodging an FIR with the Police. The answer-sheet of such a candidate will not be evaluated.
5. Do not forget to write roll number on the top of this question booklet and OMR answer sheet.
6. The OMR based Answer Sheet has two copies. The examinee can retain the second copy of the OMR based answer sheet and take that back along with him/her after the examination is over.
7. Do not tear or fold any page of the question booklet and OMR Answer Sheet.
8. Candidates are advised to make sure to fill their name, Roll No. and test booklet code on the OMR Answer sheet in a correct manner only on the space provided. If the space for the Booklet Code is left blank or more than one booklet code is indicated therein or the Filling of Name and Roll No. is not as per instructions mentioned then it will be deemed to be an incorrect booklet code and Answer Sheet will not be evaluated.
9. Candidate should put his/her signature and thumb impression on required space in the presence of Invigilator in the Examination Hall.
10. Candidates are warned not to fold or make any stray marks on the OMR Answer Sheet. Use of Eraser, Nail Blade, White Fluid/Whitener etc. to smudge, scratch or damage the OMR sheet in any manner during Examination is strictly prohibited. The Candidature of candidates indulging in such activities shall be cancelled.
11. Candidate's request to change the Examination Centre and seat in the Examination Hall shall not be entertained.
12. No candidate shall be allowed to leave the OMR Answer Sheet blank. If any OMR Answer Sheet is found blank, it shall be crossed by the Invigilator with his/her signature and mention 'Cancelled' on it.
13. The OMR Answer Sheet will be evaluated through electronic scanning process. Incomplete or incorrect entries may render your OMR Answer Sheet invalid.
14. Each question has four alternative answers of which only one is correct. For each question, darken only one circle, whichever you think is the correct answer on the OMR Answer Sheet with only Blue/Black Ball Pen provided. Pencil should not be used for darkening the circle. If more than one circle is found darkened, that answer will not be evaluated.
15. If a candidate does not comply with the instructions as mentioned above or creates any kind of indiscipline, the authorities shall take action as per instructions and in addition can also debar the Candidate from appearing in the Examination, to be held in future and can also file criminal proceedings.

DO NOT OPEN THE SEAL UNTIL INSTRUCTED TO DO SO**CORRECT METHOD OF ATTEMPTING****WRONG METHOD OF ATTEMPTING**

1. The average of five consecutive odd numbers is 41. Which one out of those is the largest number?
A. 47 B. 45 C. 43 D. 49
2. What will come in place of both the question marks (?) in the following question?
 $23/? = ?/92$
A. 56 B. 54 C. 44 D. 46
3. Enzymes are made up of which of the following:
A. Carbohydrates B. Edible proteins
C. Nitrogen containing carbohydrates D. Proteins with specific structure.
4. Most of the sources of energy that we use, represent the stored Solar Energy. Which of the following is not ultimately derived from the Sun's energy
A. Geothermal energy B. Wind energy C. Nuclear energy D. Biomass
5. The following is the main constituent of the biogas:
A. Methane B. Propane C. Ethane D. Butane
6. Which of the following is responsible for depletion of Ozone?
A. Carbon dioxide B. Chlorofluoro carbon compounds C. Methane D. Carbon monoxide
7. The main cause for the abundant coliform bacteria in the river Ganges is:
A. Discharge of industrial effluents B. Immersion of ashes
C. Disposal of half or unburnt corpses into water D. All of the above
8. The three 'Rs' that will help us to conserve natural resources and minimise their wastage are:
A. Recycle, Regenerate, Reuse B. Reduce, Regenerate, Reuse
C. Reduce, Redistribute, Reuse D. Reduce, Recycle, Reuse

Directions for attempting the Questions No. 9 & 10:

In each of the following questions, a statement of assertion is given by the corresponding statement of reason. Of the statements, MARK THE CORRECT ANSWER AS.

- A. If both the assertion and the reason are true, and reason is the correct explanation of the assertion.
 - B. If both the assertion and the reason are true, but reason is not the correct explanation of the assertion.
 - C. If assertion is true, but reason is false.
 - D. If assertion is false, but reason is true.
9. **Assertion:** Concave mirror is best suited for use in a solar cooker.
Reason: Concave mirror converges large amount of light of the Sun in to the Solar Cooker.
 10. **Assertion:** Solar cells are used to convert solar energy into electrical energy.
Reason: The Radiant heat present in the Solar energy does not change into electrical energy.

Directions for attempting the Questions No. 11 to 13.

Pick the odd one out among the following:

11. A. Deluge B. Calamity C. Catastrophe D. War
12. A. Greedy B. Rapacious C. Endear D. Avaricious
13. A. Strength B. Sinew C. Muscle D. Vagrant

Directions for attempting the Questions No. 14 to 16.

Pick out the most effective word which can be substituted for the undermentioned words / sentence:

14. Anything written in a letter, after it is signed:
A. Posterity B. Postdiction C. Post-script D. Corrigendum
15. Stealing from the writings of others.
A. Copying B. Refraining C. Reproducing D. Plagiarism
16. Regard for others as a principle of action:
A. Cynicism B. Altruism C. Nepotism D. Philanthropy

Choose the correctly spelt word in questions no. 17 & 18.

17. A. Equanimity B. Equinimity C. Equanimity D. Equanimmity
18. A. Omenous B. Ominous C. Omineous D. Ommineous

19. निम्नलिखित शब्दों में से अशुद्ध वर्तनी वाला शब्द कौन सा है?
A. बहुत B. प्रणालि C. बल्कि D. उपयोग
20. निम्नलिखित शब्दों में शुद्ध वर्तनी वाला शब्द कौन सा है?
A. सर्वोत्तम B. संसारिक C. स्त्रोत D. कीर्ति
21. निराशा का सही संधि विच्छेद है।
A. निरा+आशा B. निर्+आशा C. निः+आशा D. निरः+आशा
22. संस्कार शब्द में किस उपसर्ग का प्रयोग हुआ है?
A. सम् B. सन् C. सम्स् D. सन्स्
23. "दशमुख" में कौन सा समास है?
A. कर्मधारय B. बहुव्रीहि C. तत्पुरुष D. अव्ययीभाव
24. देशप्रेम में कौन सा समास है?
A. कर्मधारय B. बहुव्रीहि C. तत्पुरुष D. अव्ययीभाव
25. "वृक्ष से पत्ते गिरते हैं" - इस वाक्य में "से" किस कारक का चिन्ह है?
A. कर्म B. करण C. अधिकरण D. अपादान
26. "समय की दृष्टि से अनुकूल" के लिए एक शब्द क्या है?
A. अनुकूल B. समानुकूल C. प्रतिकूल D. समयानुकूल
27. Excessive amount of which of the following anticoagulants causes platelets to swell and disintegrate?
A. EDTA B. Sodium citrate C. Heparin D. All of the above
28. Nuclei stain _____ in Giemsa stain:
A. Red B. Rose red C. Blue D. Pink
29. Apoptosis is the term used for:
A. Gangrene B. Normal Cell death C. Necrosis D. Mutation
30. For good fixation, the thickness of the block should be about:
A. 2-4 mm B. 6-8 mm C. 12-14 mm D. 8-10 mm

31. Which of the following dyes is a neutral dye?
A. Haematoxylin B. Eosin C. Romanowsky D. Supravital
32. The triad of inflammation was given by whom of the following German physicians?
A. Robert Koch B. Louis Pasteur C. Rudolph Virchow D. Semmelweiss
33. In which bacteria, granules in the cytoplasm help in their identification?
A. Mycobacterium B. Corynebacterium C. Clostridium D. Streptococcus
34. The generation time of which of the following bacteria is about 20 hours?
A. Lepra bacilli B. Tubercle bacilli C. Anthrax bacilli D. Both 1 & 2
35. Which of the following selective medium is used for the isolation of *Corynebacterium diphtheriae*?
A. McConkey agar B. Blood agar C. Hoyle's medium D. Elek's medium
36. Middlebrook 7H10 agar is used for the isolation of which of the following organisms?
A. *M. tuberculosis* B. *M. leprae* C. *Staphylococcus albus* D. *Staphylococcus epidermidis*
37. What is the normal value of the 'Cardiac Output' in a healthy person?
A. Two litre/minute B. Three litre/minute
C. Five litre/minute D. Six litre/minute
38. The quantity of air taken in and given out at each normal quiet inspiration and expiration is known as:
A. Complement volume B. Residual volume C. Tidal volume D. Vital capacity
39. What is the normal serum Potassium level?
A. 1.5 – 3.0 mEq/L B. 0.2 – 1.0 mEq/L
C. 3.5 – 5.0 mEq/L D. 5.0 – 6.5 mEq/L
40. The following is the normal range of pO_2 in the whole arterial blood:
A. 42-62 mm Hg B. 65-81 mm Hg C. 83-108 mm Hg D. 110-132 mm Hg
41. All of the following are the sites for the bone marrow aspiration except:
A. Sternum B. Iliac crest C. Ulnar tuberosity D. Tibial tuberosity
42. Serum amylase is increased in which of the following conditions?
A. Renal failure B. Obesity C. Diabetes D. Acute pancreatitis
43. Which of the following metabolic disorder occurs due to the absence of the enzyme phenylalanine hydroxylase:
A. Albinism B. Alkaptonuria C. Phenylketonuria D. Marasmus
44. The end product of glycolysis is:
A. Lactate B. Oxaloacetate C. Pyruvate D. Acetyl Co-A
45. "Sthanishvara" was the ancient name of which of the following city of Haryana?
A. Sirsa B. Sonapat C. Kurukshetra D. Karnal
46. "Thanesar" was the Capital city of which of the following famous ruler?
A. Harshavardhana B. Ashoka C. Chandragupta D. Kanishka
47. Who of the following was getting the weekly paper, 'Sandesh' published from Bhiwani?
A. Lala Lajpat Rai B. Neki Ram Sharma C. Lala Hukam Chand Jain D. Noor Samand Khan

48. The climate of Haryana is of the following type:
 A. Continental type B. Sub-tropical Continental type
 C. Sub-humid temperate type D. Sub humid sub tropical type.
49. The first Nuclear Power Plant in the state of Haryana was set up in the following district:
 A. Sirsa B. Bhiwani C. Hissar D. Fatehabad
50. Narnaul in Haryana is famous for the mining of:
 A. Gypsum B. Limestone C. Iron ore D. Slate
51. The forest policy of Haryana was unveiled in which of the following years?
 A. 2002 B. 2004 C. 2006 D. 2008
52. 'The Imperial Institute of Animal Husbandry and Dairying', now called as 'National Dairy Research Institute (NDRI)', was established in which of the following years?
 A. 1921 B. 1923 C. 1925 D. 1927
53. In which of the following districts 'Mahatama Gandhi Super Thermal Power Plant' is situated?
 A. Panipat B. Gurugram C. Sonipat D. Jhajjar
54. Who of the following was the First Governor of the State of Haryana?
 A. Sh. Dharmender B. Sh. Dharamveer
 C. Pt. Bhagwat Dayal Sharma D. Pt. Neki Ram Sharma
55. In which city of the Haryana is the India's first and only design university namely "World University of Design" located?
 A. Sonipat B. Gurugram C. Rewari D. Hissar
56. In which year was the "Swasthya Aapke Dwar Scheme" launched by the Government of Haryana?
 A. 2001 B. 2002 C. 2003 D. 2004
57. Which one of the following is the second most commonly practised religion in the state of Haryana, after Hinduism?
 A. Sikhism B. Buddhism C. Islam D. Christianity
58. Who of the following is also known as the 'Tansen of Haryana' ?
 A. Dayaldas B. Lakhmi Chand C. Haridas D. Ramphal Chahal
59. In which part of the body is 'Danda' a traditional silver ornament worn by the womenfolk of Haryana?
 A. Nose B. Ears C. Arms D. Fingers
60. How many texts of the 'Nath Community,' that were written in the Sharda script are found in the Manuscript Museum of the Kurukshetra University?
 A. Five B. Ten C. Fifteen D. Twenty
61. In which month of the year is the 'Pinjore Heritage Festival' celebrated by the Government of Haryana?
 A. September B. October C. November D. December

62. Which of the following 'Silk Odhani' is gifted in marriages to the bride, in the State of Haryana?
A. Phulkari B. Leh C. Lahariya D. Dimach
63. The "Swachh Survekshan Gramin Award, 2019" was awarded by PM Narendra Modi and Union Minister for Drinking Water and Sanitation, Uma Bharti to which of the districts of Haryana?
A. Karnal B. Gurugram C. Rewari D. Rohtak
64. In which of the following years was the 'Haryana Sports and Physical Fitness Policy' enforced?
A. 2014 B. 2015 C. 2016 D. 2017
65. Lila Ram from Haryana is very famous because he :
A. Won first gold medal in common wealth games
B. Won first gold medal in Asian games.
C. Won first gold medal in world boxing championship,.
D. None of the above.
66. Pashu Sanjivani Sewa Yojana of the Govt. of Haryana under which Veterinary Services through mobile are provided at the door steps of the farmers, was initially launched in which of the following three districts of the Haryana.
A. Panipat, Karnal, Kurukshetra B. Rohtak, Rewari, Jind
C. Jind, Yamuna Nagar, Nuh D. Gurugram, Mewat, Faridabad
67. "Mhara Gaon – Jagmag Gaon" scheme was started in the State of Haryana in which of the following year?
A. 2013 B. 2014 C. 2015 D. 2016
68. In which district of Haryana 'mobile court' was introduced for the very first time.
A. Hisar B. Kaithal C. Mewat D. Jhajjar
69. When is the 'International Literacy Day' celebrated?
A. 8th September B. 10th September C. 20th September D. 25th September
70. Which Article of the Indian Constitution was termed by Dr. B. R. Ambedkar, as the 'Heart & Soul' of the Indian Constitution?
A. Article 14 B. Article 28 C. Article 32 D. Article 19
71. The First British Presidency in India was established at:
A. Calcutta B. Madras C. Bombay D. Surat
72. Which Indian city is also known as the 'Little France?'
A. Goa B. Panji C. Pondicherry D. Chennai
73. Vienna is the Capital of which of the following countries?
A. Hungary B. Lisbon C. Austria D. Australia
74. Which of the following British Prime Ministers declared that the British would withdraw from India, latest by June 1948?
A. Clement Attlee B. Robert Walpole C. Tony Blair D. David Cameroon
75. When was the First meeting of the Indian Constituent Assembly held?
A. January 26th 1946 B. August 15th 1947 C. December 9th 1946 D. December 9th 1947

76. What is the hole on the surface of the Moon called as?
 A. Black Hole B. Big Hole C. Crater D. Gray Hole
77. Ashok is ranked 9th from the top and 38th from the bottom among the students of the class. How many students are there in the class?
 A. 45 B. 42 C. 46 D. 44
78. If A is B's sister, C is B's mother, D is C's father, and E is D's mother. Then, how is A related to D?
 A. Grand daughter B. Daughter C. Aunt D. Father
79. Find out the missing alphabet?

A	D	G
D	I	N
I	P	?

- A. V B. W C. X D. Y

Directions for attempting the Questions No. 80 & 81:

Read the following information given below to answer the questions No. 36 & 37 that follow:

Among K, L, M, and N, L is heavier than K and M, but M is taller than him. N is not as tall as M, while K is the shortest. M is not as heavy as K. N is heavier than L, but shorter than him.

80. Who is the heaviest?
 A. L B. K C. N D. M
81. Who is the tallest?
 A. N B. M C. K D. Can not be determined

Directions for the questions number 82, 83, and 84.

Read the following information given below to answer the questions that follow:

Eight friends A, B, C, D, E, F, G, and H are sitting in a circle, facing the centre, not necessarily in the same order. D sits third to the left of A. E sits to the immediate right of the A. F sits to the immediate left of A. B is sitting third to the left of D. G is second to the right of B. C is an immediate neighbour of B. C is third to the left of H.

82. Who amongst the following is sitting exactly between, F & D?
 A. C B. E C. H D. A
83. Who amongst the following is sitting second to the left of H?
 A. E B. B C. A D. G
84. Who amongst the following are immediate neighbours of G?
 A. C,A B. A,F C. D,C D. D,F
85. I am three times as old as my son. Five years later, I shall be two and a half times as old as my son. How old am I and how old is my son.
 A. 45, 15 B. 48, 16 C. 54, 18 D. 36, 12
86. In how many different ways can the letters of the word "MIRACLE" be arranged?
 A. 720 B. 5040 C. 2520 D. 40320

87. There are 5 cars to be displayed in 5 parking spaces with all the cars facing the same direction. Of the 5 cars, 3 are pink, 1 is red and 1 is yellow. If the cars are identical except for color, how many different display arrangements of the 5 cars are possible.
A. 20 B. 25 C. 40 D. 60
88. The average weight of boys in a class is 30 kg and the average weight of girls in the same class is 20 kg. If the average weight of the whole class is 23.25 kg. What could be the possible strength of boys and girls respectively in the same class?
A. 14 and 26 B. 13 and 27 C. 17 and 27 D. 19 and 21
89. A canteen requires 798 bananas for a week. Totally how many bananas will there be required for the months of January, February and March, 2008.
A. 10480 B. 10277 C. 10586 D. 10374
90. The diameter of a wheel is 49 m. How many revolutions will it make to cover a distance of 3200 m?
A. 17 B. 27 C. 24 D. 21

ANSWER KEY WST-GROUP-C-LT-SET-1-C							
1	B	26	D	51	C	76	C
2	D	27	A	52	B	77	C
3	D	28	C	53	D	78	A
4	C	29	B	54	B	79	B
5	A	30	A	55	A	80	C
6	B	31	C	56	C	81	B
7	C	32	C	57	C	82	C
8	D	33	B	58	B	83	D
9	A	34	B	59	B	84	C
10	C	35	C	60	A	85	A
11	D	36	A	61	B	86	B
12	C	37	C	62	D	87	A
13	D	38	C	63	C	88	B
14	C	39	C	64	B	89	D
15	D	40	C	65	A	90	D
16	B	41	C	66	C		
17	C	42	D	67	C		
18	B	43	C	68	C		
19	B	44	C	69	A		
20	D	45	C	70	C		
21	C	46	A	71	D		
22	A	47	B	72	C		
23	B	48	B	73	C		
24	C	49	D	74	A		
25	D	50	C	75	C		