DRONACHARYA
360° DIAGNOSTIC & SCHOLARSHIP EXAM

Sample Paper
for Students presently in Class VII

Paper 1 - IQ

Duration : 90 minutes   *Maximum Marks : 90*

Please read the instructions and guidelines carefully :

Important Note : Please ensure to accurately input the details for the Class and Paper No. as indicated at the top of this sheet into the corresponding columns / fields on the OMR sheet before proceeding with the paper. Incorrectly filled information regarding the class or paper may result in inaccurate outcomes or results.

> *"This paper has been scientifically designed to evaluate your potential – manifested and hidden for the target examinations mentioned in various sections of the paper. Thus, your adherence to the instructions is critical in the evaluation of the same"*

1. This Question paper consists of 2 sections.

2. **Student should devote allotted time for each section. If a section is easy, then it is easy for everyone & was meant to be like that with a goal in mind. Do not switch over to another section if you find the section to be easy. If a section is tough, then it is tough for everyone.** Please note that each section has been allocated a time limit of 45 minutes. Dedicating the full 45 minutes to finish each section successfully is essential. Opening the next section before completing the allotted time for the preceding section is not permitted. This adherence is crucial for assessing your true potential, as each section is meticulously crafted to evaluate your potential for the corresponding competitive examinations.

3. Candidate should open the seal of Section-II only after completing 45 minutes of Section-I.

4. Sheets will be given to each candidate for rough work. Candidate must fill all details on the rough sheet and submit the same to invigilator along with OMR sheet. Candidate must mention the Question No. while doing the rough work in the sheet.

5. Please note candidates are not allowed to bring any prohibited items into the exam hall such as electronic devices, mobile phones, smart watch, earphones, calculators, books, notes, formula sheets, and bags.

6. Marking scheme is given in table below:

Section	Subject	Question no.	Marking Scheme for each question	
			Correct answer	Wrong answer
SECTION – I (NTSE) **Time Allotted: 45 Minutes**	IQ	1 to 6	+3	0
		7 to 15	+3	0
SECTION – II (NSEJS) **Time Allotted: 45 Minutes**	IQ	16 to 21	+3	0
		22 to 30	+3	0

Section – I

Time: 45 Minutes
IQ

1. Choose the alternative which is closely resembles the mirror image of the given combination.

    1 9 6 5 I N D O P A K

    (1) 1965 INDOPAK   (2) 9AXINDO1 985

    (3) XA90DNI 5 9 8 1   (4) XA9OD NI 5 9 8 1

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

2. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.

    (X)   (1)   (2)   (3)   (4)

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

3. Find the missing term in each of the following series
    2, 5, 9, 19, 37, 75, -----------?
    (A) 151   (B) 149
    (C) 129   (D) 97

4. Find the missing term in each of the following series
    6, 18, 3, 24, 8, 56, 7, 63, ------------?
    (A) 10   (B) 6
    (C) 9   (D) 12

5. Find the odd-one-out.
    (A) Shoulder   (B) Foot
    (C) Elbow   (D) Arm

6. Find the missing term in each of the following series
    A, G, L, P, S, ----------?
    (A) U   (B) W
    (C) X   (D) Y

Comprehension–1 for Q. No. 7 to 9

Each of the following questions is based on the information given below:
Five Apache, Karizma, Pulsar, CBZ and Eliminator of five different colours red, pink, yellow, blue and black are five in five different cities. Bike Apache is of yellow colour and is in Mumbai. The red coloured bike is in Bhubaneswar but it is not Pulsar. Bike CBZ is not blue but is in Delhi. Bike Eliminator is in Vizag. Pink coloured bike is in Jaipur.

7. Which city has black coloured bike?
   (A) Vizag
   (B) Delhi
   (C) Mumbai
   (D) cannot be determined

8. Which of the following is the correct combination of bike, colour and city respectively?
   (A) Pink-Pulsar – Jaipur
   (B) CBZ – Red – Bhubaneswar
   (C) Pulsar – Pink – Jaipur
   (D) Eliminator –Pink - Vizag

9. Which bike is in Bhubaneswar?
   (A) Karizma
   (B) CBZ
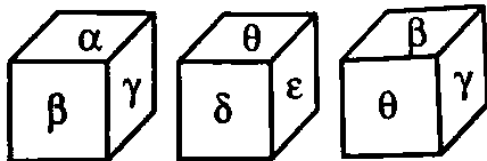   (C) Eliminator
   (D) None of these

Comprehension–2 for Q. No. 10 to 12

A, B, C, D, E, F and G are sitting on a wall and all of them are facing east. C is on the immediate right of D. B is at an extreme end and has E as his neighbour, G is between E and F, D is sitting third from the south end

10. Who is sitting to the Right of E ?
    (A) A
    (B) C
    (C) D
    (D) G

11. Which of the following pairs of people are sitting at the extreme ends ?
    (A) AB
    (B) CB
    (C) FB
    (D) AE

12. Name the person who should change places with C such that C gets the third place from the north end
    (A) G
    (B) E
    (C) D
    (D) A

Comprehension–3 for Q. No. 13 to 15

Given below are the different view of same dice. Find the answers on basis of the given diagrams.

13. Which symbol will be opposite to θ?
    (A) ε
    (B) α
    (C) β
    (D) γ

14. Which symbol is at top when γ at bottom?
    (A) α
    (B) β
    (C) δ
    (D) ε

15. Which symbol is at bottom when β is at top?
    (A) δ
    (B) θ
    (C) ε
    (D) γ
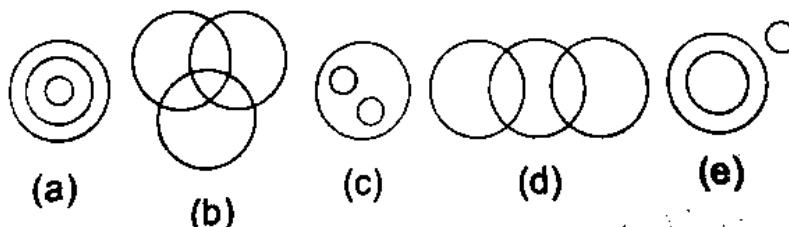
Section – II

Time: 45 Minutes

IQ

*This section contains **6 Multiple Choice Questions** number **16 to 21**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

16. Dog : Bark : : Goat : ?
    (A) Bleat   (B) Howl
    (C) Grunt   (D) Bray

17. Acting : Theatre : : Gambling : ?
    (A) Bar   (B) Club
    (C) Casino   (D) Gymn

18. Pointing to a man, a woman said "His mother is the only daughter of my mother." How is the woman related to the Man ?
    (A) Mother   (B) Daughter
    (C) Sister   (D) Grandmother

19. Arun said, "This girl is the wife of the grandson of my mother." Who is Arun to the girl?
    (A) Father   (B) Grandfather
    (C) Husband   (D) Father-in-law

20. $J \times O : 10 \times 15 : : F \times R : ?$
    (A) 7×19 (B) 5×17
    (C) 14×15 (D) 6×18

21. DE : 10 : : HI : ?
    (A) 72   (B) 36
    (C) 46   (D) 17

*This section contains **THREE (03)** comprehensions. Based on each comprehension, there are **THREE (03)** questions of **Multiple Choice Questions**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

Comprehension–1 for Q. No. 22 to 24

Of the four alternatives in each of the following questions, three alternatives are such that the three words in each are related among themselves in one of the five ways represented by (a), (b), (c), (d) and (e) below while none of these relationships is applicable to the remaining alternative. That is your answer. Choose that one

22. (A) Star, Moon, Mars   (B) Professor, Scholar, Politician
     (C) Nurse, Doctor, Woman   (D) Swimmer, Carpenter, Singer

23. (A) Director, Engineer, Musician   (B) Apple, Orange, Mango
     (C) Fruit, Mango, Grass   (D) Oxygen, Air, Water

24. (A) Army, General, Colonel   (B) Boy, Student, Player
     (C) Painter, Scholar, Table   (D) Man, Typist, Peon

Comprehension–2 for Q. No. 25 to 27

A, B, C, D and E are students in a college.
(i) A and B study both Physics and Chemistry
(ii) C and D study both Chemistry and Mathematics
(iii) D and A study both Electronics and Chemistry
(iv) E and B study both Mathematics and Electronics

25. Which student studies the most number of subjects?
     (A) E   (B) D
     (C) B   (D) A

26. Common subject of A, D and C is
     (A) Chemistry   (B) Mathematics
     (C) Physics   (D) Electronics

27. The pair of students who study only two subjects are
     (A) A, D   (B) B, C
     (C) C, E   (D) E, D

Comprehension–3 for Q. No. 28 to 30

Seven boys M, N, P, Q, R, S and T are sitting around a circle facing the centre. P is second to the left of S and third to the right of M. T is third to the left of S. Q is not an immediate neighbour of S. N is not an immediate neighbour of M.

28. Who is third to the right of N?
     (A) Q   (B) T
     (C) P   (D) M

29. Who is/are sitting between P and S?
     (A) R   (B) R and N
     (C) N   (D) T

30. How many persons are sitting between Q and M on counting clockwise?
     (A) Two   (B) Three
     (C) One   (D) Zero

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ANSWER KEY

1.	**D**	2.	**D**	3.	**B**	4.	**C**
5.	**B**	6.	**A**	7.	**B**	8.	**C**
9.	**A**	10.	**D**	11.	**A**	12.	**A**
13.	**B**	14.	**C**	15.	**C**	16.	**A**
17.	**C**	18.	**A**	19.	**D**	20.	**D**
21.	**B**	22.	**A**	23.	**B**	24.	**C**
25.	**C**	26.	**A**	27.	**C**	28.	**D**
29.	**C**	30.	**D**					