

Total No. of printed pages = 8

TR/CMS-II/M/GS/2023

**GENERAL STUDIES AND ARITHMETIC
PAPER – II**

Full Marks – 100

Time – 2 hours 30 minutes

The figures in the margin indicate full marks
for the questions.

Instructions :

- (i) Questions of Paper-II are to be answered either in English or in Bengali, if not otherwise instructed. The medium once chosen should be uniformly followed all through the test. It must not be partly in English and partly in Bengali. Answers are to be scratched in case of violation of this instruction.
- (ii) The candidates are required to answer in their own words as far as practicable.

GROUP-A

Answer any *five* questions from the following.
Restrict your answers within 60 (sixty) words each.
Each question carries 4 marks : $4 \times 5 = 20$

[Turn over

1. (a) Write short notes on Rashtriya Ekta Diwas which is celebrated on 31st October each year to commemorate birth anniversary of Sardar Vallabhbhai Patel, discuss his work and achievement for National Integration and Unity.
- (b) Write notes on recent initiative of Government of Tripura for enhancing fish production in the State of Tripura.
- (c) Write notes on prospect of Agroforestry in Tripura.
- (d) Write notes on performance and achievement of Indian Players at Hangzhou Asian Games.
- (e) Write notes on prospect of Tea industry in Tripura.
- (f) Write notes on Possibility and advantages/disadvantages of creating a 'Film City' in Tripura like the one existing in NOIDA.
- (g) Write notes on India-Bangladesh trade possibilities through Maitri setu, sabroom.
- (h) Write notes on "state of Health infrastructure in Tripura, especially Rural/Hill areas".

GROUP – B

Write short notes on any *five* of the following questions within 60 words each. Each question carries 4 marks : $4 \times 5 = 20$

2. (a) 'Women reservations in Legislative bodies in India to empower women politically'. Comment.
- (b) 'One Nation One Ration Card' to access the public distribution system (PDS).
- (c) 'Human Genome Project', comment on merits and demerits.
- (d) National Medical Devices Policy-2023.
- (e) Journey of Tripura towards carbon negative/ Carbon trading.
- (f) Drug Abuse in Tripura. Write causes and remedies.
- (g) Challenges of Child marriage in Tripura.
- (h) Online stores are killing local small shopkeeper's business prospects.

GROUP – C

Answer the following questions, each within 60 words. Each question carries 4 marks : $4 \times 5 = 20$

3. (a) Examine the impact of Armed Forces Special Powers Act in North Eastern States.

Or

- (b) Trace out the problem areas in Indo-Canada bi-lateral relations.

4. (a) Analyse the outcome of G20 Summit 2023 held in India.

Or

- (b) Write any two functions of the Election Commission of India.

5. (a) Examine India's concern over the 2023 edition of 'Standard Map' released by China.

Or

- (b) Explain the impact of backing out of Russia from Black Sea Grain Deal'.

6. (a) The African Union's inclusion in the G20 has potential impact on Africa'. Discuss..

Or

- (b) Explain how Global Souths Debt Problem affects Global Economy.

7. (a) Examine WHO's Gujarat Declaration on Traditional Medicine.

Or

- (b) Comment on the initiative of 'BRICS' New University Ranking System.

GROUP – D

Answer the following questions. Each question carries 2 marks : $2 \times 10 = 20$

8. The smallest number by which $\sqrt{27}$ should be multiplied so as to get a rational number is ____.

9. The value of K for which the system of equation $2x + 3y = 5$ and $4x + Ky = 10$ has infinite number of solutions is ____.

10. If 15% of A = 20% of B then A : B = ?

11. If $(3a + 5b) : (3a - 5b) = 5 : 1$ then $a : b = ?$

12. In a triangle ABC if $2\angle A = 3\angle B = 6\angle C$ then $\angle B = ?$

13. The area of a square is 50 cm^2 then the length of its diagonal is ____.

14. If $2^x = 8^{y+1}$ and $9^y = 3^{x-9}$, then what is the value of $x + y$?

15. If $z = \frac{x^2}{y}$ and x, y, are both increased in value by 10%, find the percentage change in the value of z.
16. A and B can do a piece of work in 12 days, B and C in 8 days and C and A in 6 days. How long would B take to do the same work alone?
17. If the length of a rectangle is increased by 50% and breadth is decreased by 25%, what is the percentage change in its area?

GROUP – E

Answer the following questions. Each question carries 2 marks : $2 \times 10 = 20$

18. What is the number in place of?
2Y23, 3V19, 5V17, ?
(a) 7T13 (b) 7W19
(c) 7V21 (d) None of these
19. As 'Circle' is related to 'RICELC' then in the same way 'SQUARE' is related to
(a) UQSAER (b) QUESRA
(c) URSERA (d) None of these

20. Find the word which cannot be made from the letters of the given word– RECREATION.
(a) TORN (b) REFER
(c) ACTION (d) RATION
21. Arrange the given words in a meaningful sequence and choose the appropriate sequence from the option given below
(i) Bungalow (ii) Flat (iii) Cottage (iv) House
(v) Palace
(a) 3,2,4,1,5 (b) 3,1,5,2,4
(c) 3,5,4,2,1 (d) None of these
22. How many times the hands of a clock points towards each other in a day?
(a) 24 (b) 22
(c) 12 (d) None of these
23. If in a code language, PARENT is written as BDFGJK and CHILDREN is written as MOXQUFGJ, how is REPRINT written in that code?
24. A is B's sister. C is B's mother, D is C's father. E is D's mother. Then, how is A related to D.

25. Six students A, B, C, D, E and F are sitting in the field. A and B are from Nehru House while the rest belong to Gandhi House. D and F are tall while the others are short. A, C and D are wearing glasses while the others are not. Then, which short student of Gandhi house is not wearing the glasses ?
26. The position of how many letters in the word WONDERFUL will remain unchanged when the letters within the word are arranged alphabetically ?
27. The six faces of a cube are coloured black, brown, green, red, white and blue, such that
- (a) Red is opposite to black
 - (b) Green is between red and black
 - (c) Blue is adjacent to white
 - (d) Brown is adjacent to blue
 - (e) Red is at the bottom.

Then, which colour is opposite to brown ?