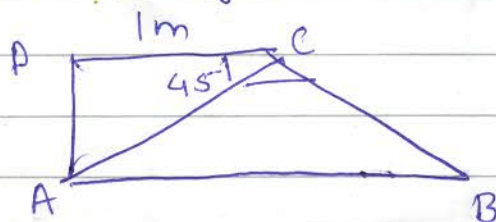
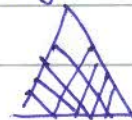


- Questions asked at MP state level Ar. Neerajam
1. main constituent of Natural gas CNG is Methane
 2. Focal length is measured in Diopetre
 3. Bombay duck Kind of fish marine fish
 4. who unfurled the National Flag in Germany.
 5. Producer of meat and wool Australia
 6. Main factory of Dutch in India Puliket
 7. Factors of $8x^3y^3 - x^5$

8. Area of figure



9. Which of the following is not in concurrent list.
Telecommunication
Education, Bank.
10. Arrange the rank of officers.
Nayak / Haldar / Subedar / LE.
11. Yeast which type of vitamin .
12. Which of the following comes from outside. Energy .
13. Alloy of copper + Tin .
14. who founded Home Rule League.
15. countries and currency .
16. Food resources .
17. Grasslands .
20. Ration + population .
21. coding + decoding
21. series .
22. Figure completion .
23. Embedded figure .
24. Analogy .
25. Logical Venn Diagram .
26. Direction sense test
27. Number of line segment
in figure .



Aryan Classes

NTSE (IInd level + Interview) - Correspondence

Name - Shauya Shankar

Roll no. of Ist level : 138105001402

20 Questions of STSE (M.P.)

MAT

M.P.

1. If car : Garage ; Aeroplane : [?]
a) Port
b) Harbour
c) Hangar
d) Yard

2. If Rupee : India ; Yen : [?]
a) China
b) Japan
c) Korea
d) Italy

Physics Science

3. What is the unit of light year?
a) kilometre
b) metre
c) Candela
d) Years

4. What is the unit of focal length?
a) Dioptre
b) metre
c) seconds
d) millilitre

5. What is the unit of magnetic flux?
a) Tesla
b) Metre
c) Weber
d) Weber / m²

6. In a periscope, mirror is put at what angle from the cardboard wall?
a) 30°
b) 40°
c) 45°
d) 60°

7. Which acid is present in stomach which is used to digest food?

- a) HCl
b) HNO_3
c) H_2SO_4
d) CH_3COOH

8. Two trains of lengths 150m and 350m are running on parallel tracks with speed 30m/sec. and 20m/sec. respectively in opposite direction. In how much time will the trains cross each other?

- a) 5sec.
b) 10sec.
c) 15sec.
d) 20sec.

9. Hilsa and Bombay ducks are breed of :-

- a) Fresh water fishes
b) Marine fishes
c) Ducks
d) None of these

S.st.

10. What is the full form of A.T.M.?

- a) Automatic transaction machine
b) Automatic teller machine
c) All time money
d) At a time money

11. Which session passed the declaration of complete independence?

- a) In Lahore Session
b) In Shimla Session
c) Aligarh Session
d) Bombay Session

12. Some statements are given below :-

1) Caste system creates problems for progress of society.

2) Pressure of castes influences the politics

3) Casteism is helpful in development of national integration.

4) Lower caste people is exploited by upper class people.

Which of the above are correct?

- a) 1 & 2
b) 2 & 3
c) 1 & 3
d) 1, 2 & 4

13. The NREGA act of Govt. of India guarantees employment of minimum how many days?

- a) 50 days
b) 100 days
c) 200 days
d) 365 days.

* Who introduced Permanent settlement in India?

- a) Lord Dalhousie
- b) Robert Clive
- c) Lord Cornwallis
- d) Lord William Bentick

Mathematics

15. Radius of base of a conical tent is 7m and height is 3m. If there are 44 persons in the tent, then how much volume of air is distributed to each person?

- a) $7m^3$
- b) $3.5cm^3$
- c) $3.5m^3$
- d) $7cm^3$

16. In a cuboid, are of three adjacent sides are; x, y and z respectively. What is the volume of cuboid?

- a) xyz
- b) $xy + yz - za$
- c) \sqrt{xyz}
- d) $x^2y^2z^2$

17. There is a wire of radius 4cm and height 10cm. It is stretched, such that its radius is halved. What will be its new length.

- a) 10cm
- b) 20cm
- c) 30cm
- d) 40cm.

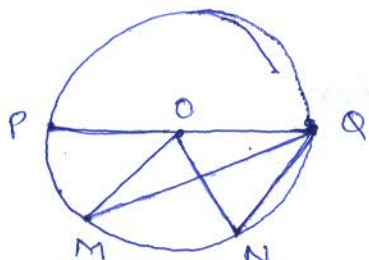
18. A sphere has equal surface area and volume. What is its radius?

- a) 1cm
- b) 3.5cm
- c) 3cm
- d) 6cm

19. $(9.75 \times 9.75 - 2 \times 9.75 \times 0.75 + 0.75 \times 0.75)$ equals to :

- a) 80.3
- b) 81
- c) 80.6
- d) 81.6

20.



$\angle MNO = 20^\circ$ and $\angle MON = 80^\circ$

Find $\angle MOP$?

- a) 40°
- c) 50°

- b) 35°
- d) 55°

Answers

1. (C) - Hangar

2. (B) Japan

3. (B) - Metre

4. (B) Metre

5. (C) Weber

6. (C) 45°

7. (a) HCl

8. (b) 10 sec.

9. (B) Marine Fish

10. (B) Automatic teller machine

11. (a) Lahore Session

12. (d) 1, 2 & 4

13. (B) 100 days

14. (C) Lord Cornwallis

15. (B) 3.5 m^3

16. (C) \sqrt{xyz}

17. (D) 40 cm

18. (C) 3 cm

19. (B) 81

20. (A) 40°