

GENERAL KNOWLEDGE

PAPER- I

BY

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1. The gland, which in relation to body size is largest at birth and then gradually shrinks after puberty, is?

- (a) Thyroid
- (b) Pituitary
- (c) Thymus
- (d) Adrenal

Ans. (c)

2. A human sperm may contain ?

- 1. X-chromosome
 - 2. Y-chromosome
 - 3. XY-chromosome
- (a) 1 only
 - (b) 2 only
 - (c) 1 and 2
 - (d) 1, 2 and 3

Ans. (c)

3. With reference to the famous Sattriya dance, consider the following statements :

- 1. Sattriya is a combination of music, dance and drama.
- 2. It is a centuries-old living tradition of Vaishnavites of Assam.
- 3. It is based on classical Ragas and Talas of devotional songs composed by Tulsidas, Kabir and Mirabai.

Which of the statements given above is /are correct?

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

Ans. (d)

4. Bleeding from artery is characterized by which of the following?

- 1. Blood is red.
- 2. Blood is purple.
- 3. Bleeding is continuous.
- 4. Bleeding is intermittent.

- (a) 1 and 3
- (b) 2 and 3
- (c) 1 and 4
- (d) 2 and 4

Ans. (b)

5. Which of the following is not a vestigial organ?

- (a) Centriole
- (b) Molar tooth
- (c) Appendix
- (d) Diaphragm

Ans. (d)

6. Which of the following bone articulations forms the gliding joint?

- (a) Humerus and radius
- (b) Carpals
- (c) Hip girdle and femur
- (d) Skull & neck vertebrae

Ans. (b)

7. Pancreas secretes hormones which help in

- (a) blood clotting
- (b) production of antibodies
- (c) growth of body
- (d) keeping sugar balance in body

Ans. (d)

8. S-A node of mammalian heart is known as

- (a) Autoregulator
- (b) Pace-maker
- (c) Time controller
- (d) Beat regulator

Ans. (b)

9. Consider the following statements regarding blood pressure

1. It is the pressure exerted by the blood on the walls of any vessel.
2. It decreases in the arteries as the distance from the heart increases,
3. It is lower in the capillaries than in the arteries.
4. It is usually lower in women than in men.

Of these, the correct ones are

- (a) 1 and 4
- (b) 1, 2 and 3
- (c) 2, 3 and 4
- (d) 1, 2, 3 and 4

Ans. (d)

10. What is the correct sequence of the following in heart attack?

1. Narrowing of the inner orifice of the vessel
2. 'Plaque' from fibrous tissue and high cholesterol
3. Inadequate supply of blood and oxygen
4. Clots of blood carried into the coronary arteries

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

Ans. (b)

11. Name the country which is known as the 'Land of Morning Calm'.

- (A) Japan
- (B) Korea
- (C) Indonesia
- (D) Canada

Ans: (B)

12. What is the precise time taken by the earth for one rotation?

- (A) 24 hr
- (B) 24 hr 30 min
- (C) 23 hr 56 min 4.09 sec
- (D) 24 hr 5 min 5.02 sec

Ans: (C)

13. The total area of Assam is

- (A) 80645 Sq. km
- (B) 78438 Sq. km
- (C) 79012 Sq. km
- (D) 77901 Sq. km

Ans: (B)

14. The largest continent in the world is

- (A) Europe
- (B) North America
- (C) Asia
- (D) Africa

Ans: (C)

15. 'Eco-Sensitive Zones', which of the following statements is/are correct?

1. Eco-Sensitive Zones are the areas that are declared under the Wildlife (Protection) Act, 1972 .
2. The purpose of the declaration of Eco-Sensitive Zones is to prohibit all kinds of human activities, in those zones except agriculture.

Select the correct answer using the code given below :

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

Ans: (D)

16. Terai zone is situated at Assam's

- (A) North zone
- (B) East zone
- (C) South zone
- (D) West zone

Ans: (B)

17. The National Park of Assam where the rare white-winged duck (Deoanh) is found is

- (A) Nameri
- (B) Dibru Saikhowa
- (C) Manas
- (D) Orang

Ans: (A)

18. What is the name of the new island emrging out of the Bay of Bengal?

- (A) Sonali
- (B) Dhan Khuli
- (C) Purbasa
- (D) Uttara

Ans: (C)

19. Which of the following is related to international trade?

- (A) EXIM
- (B) IIP
- (C) FPO
- (D) TQM

Ans: (A)

20. Of the total geographical area of Assam the total area under forest is

- (A) 33 p.c
- (B) 22 p.c
- (C) 28 p.c
- (D) 19 p.c

Ans: (B)

21. World's largest producer of gold is

- (A) Saudi Arabia
- (B) USA
- (C) South Africa
- (D) Canada

Ans: (B)

22. When was Mizoram converted into a Union Territory?

- (A) 1969
- (B) 1972
- (C) 1949
- (D) 1951

Ans: (B)

23. Which is the world's longest railway line?

- (A) Trans-Siberian line
- (B) Texas Railway line
- (C) Trans-Austin line
- (D) Trans-American line

Ans: (A)

24. For a healthy adult Indian, the Body Mass Index (BMI) Should be in the range of

- (A) 11.51 - 18
- (B) 18.5 - 24.9
- (C) 25-30
- (D) None of the Above

Ans: (B)

25. Black hole is an object to be found

- (A) at the bottom of oceans
- (B) in the sky
- (C) inside a current –carrying conductor
- (D) None of the above

Ans: (A)

26. Minimum velocity required by a body to escape earth's gravitation (escape velocity) is

- (A) 9.5 km/s
- (B) 11.2 km/s
- (C) 13 km/s
- (D) 24.25 km/s

Ans: (B)

27. Which one of the following is not an operating system of computers?

- (A) Sun OS
- (B) BSD
- (C) GNEXT/Linux
- (D) Windows NT

Ans: (A)

28. Which is the largest moon in the solar system?

- (A) Ganymede
- (B) Titan
- (C) Io
- (D) Callisto

Ans: (A)

29. Pacemaker is implanted in heart when one of the following is defective

- (A) SA node
- (B) AV node
- (C) Purkinje fibre
- (D) Bundle of His

Ans: (A)

30. When a person is undergoing prolonged fasting, his/her urine will contain abnormal quantity of

- (A) fat
- (B) ketone
- (C) amino acid
- (D) glucose

Ans: (B)