

# Home Assignment

## for SSC & Railways Aspirants

1. Which of the following state has topped the ranking in Breastfeeding and Infant and Young Child Feeding Practices in the country?

- A. Uttar Pradesh
- B. Bihar
- C. Manipur
- D. Meghalaya
- E. Sikkim

2. Which of the following Industry Body launched Digi "Vyapari-Safal Vyapari" initiative to accelerate acceptance of digital payments among merchants across the country?

- A. FICCI
- B. ASSOCHAM
- C. CII
- D. FIEO
- E. CAIT

3. Who among the following has topped the list of the highest-paid female athletes 2019 published by Forbes?

- A. Serena Williams
- B. Venus Williams
- C. Angelique Kerber
- D. Simona Halep
- E. P.V. Sindhu

4. Who of the following has been appointed as the CMD of the State-owned Power Grid Corporation of India?

- A. Kandikuppa Sreekant
- B. Padmaja Chundurur
- C. Sanjeev Nautiyal
- D. Pushan Mahapatra
- E. None of these

5. 77th anniversary of the August Kranti Din, was observed all across the country on\_\_\_\_\_.

- A. 1st August
- B. 4th August
- C. 5th August
- D. 8th August
- E. None of these

6. Indian Bank has signed a Bancassurance Pact with which of the following Insurance Company?

- A. SBI Life Insurance
- B. Bajaj Allianz General Insurance
- C. ICICI Pru

- D. United India Insurance Company
- E. Life Insurance Corporation of India

7. For the welfare of the girl child, 'Vhali Dikri Yojna' has been launched by which of the following states?

- A. Maharashtra
- B. Goa
- C. Gujarat
- D. Rajasthan
- E. Haryana

8. The traffic police of which of the following cities has launched the 3-D Smart Traffic Signal system based on Artificial Intelligence?

- A. Chandigarh
- B. Delhi
- C. Amritsar
- D. Mohali
- E. Jaipur

9. In which of the following states world's first ultra-fast hyperloop project will come?

- A. Haryana
- B. Gujarat
- C. Maharashtra
- D. Karnataka
- E. Goa

10. A woman can do all the household chores in 6 hours whereas her husband would take 10 hours to do the same job. A children can do it in 8 hours, then how long will it take the entire family to finish the chores together?

- A. 2 hours
- B. 2.5 hours
- C. 3 hours
- D. 3.5 hours

11. The numerical value of  $\frac{1}{1+\cot^2\theta} + \frac{3}{1+\tan^2\theta} + 2\sin^2\theta$  will be

- A. 2
- B. 5
- C. 6
- D. 3

12. In a school, the respective ratio of number of boys and number of girls is 7:5. The average age of boys is 20% more than that of girls and the average

age of whole class is 13.4 years. What is the average age of girls?

- A. 12 years
- B. 13 years
- C. 15 years
- D. 14 years

13. If 10% loss is made on selling price, then the rate of loss on the cost price will be

- A.  $11\frac{1}{9}\%$
- B.  $9\frac{1}{11}\%$
- C. 10%
- D. 11%

14. What is the ratio of the curved surface area and volume of a cylinder? (If the radius of the cylinder is 'r')

- A.  $\frac{2}{r}$
- B.  $\frac{r}{2}$
- C. 2r
- D. 4r

15. Let O be the orthocentre of the triangle ABC. If  $\angle BOC = 150^\circ$ , Then  $\angle BAC$  is

- A.  $30^\circ$
- B.  $60^\circ$
- C.  $90^\circ$
- D.  $120^\circ$

16. In what time will the sum of 1000 Rs becomes 1728 Rs at 20% per annum compounded annually?

- A. 3 years
- B. 4 years
- C. 3.5 years
- D. 2 years

17. Two friends A and B took loans from the bank at 5% and 7.5% per annum simple interest respectively. The amount payable for A after 5 years is  $\frac{2}{5}$  times to that for B in 8 years. If the sum of loans taken by A and B is Rs.56700 then find the loan taken by A.

- A. Rs.19200
- B. Rs.37500
- C. Rs.27500
- D. Rs.21200

18. |||Common|||

In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer out of the four alternatives for the given blanks.

The "Global Nutrition Report 2016" once again (Q\_18) India's slow overall progress (Q\_19) addressing chronic malnutrition, manifest in stunting (low weight for age), wasting (low weight for height), micronutrient (Q\_20) and overweight. Our track (Q\_21) introducing the proportion of undernourished children over the past decade has been modest at best, and (Q\_22) what other countries with comparable socio-economic indicators have achieved.

|||End|||

Find out the appropriate word in each case.

- A. demonstrates
- B. demonstrated
- C. demonstrated that
- D. had demonstrated

19. Find out the appropriate word in each case.

- A. of
- B. for
- C. in
- D. into

20. Find out the appropriate word in each case.

- A. scarcities
- B. lack
- C. absence
- D. deficiencies

21. Find out the appropriate word in each case.

- A. progress
- B. record
- C. report
- D. result

22. Find out the appropriate word in each case.

- A. leads
- B. fails
- C. lags
- D. falters

23. Select the related word/letters/numbers from the given alternatives:

BIRD : AEROPLANE :: FISH : ?

- A. FISHERMAN
- B. SOFA
- C. BOAT
- D. GLASSES

24. A plane flies 100 km West, then it turns South and flies 150 km, then it turns West and flies 300 km, then it turns to its right and flies 150 km. Where is it

now with reference to its starting position?

- A. 400 km East
- B. 200 km West
- C. 400 km West
- D. 200 km East

25. A brother and sister daily leave home together to go to their respective schools. The brother goes 3 km North, then turns left and goes 1 km to reach his school. The sister goes 4 km West, then 3 km North, then turns left and goes 5 km to reach her school. Where is the brother's school with respect to the sister's school?

- A. 10 km East
- B. 8 km West
- C. 10 km West
- D. 8 km East

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