

# Home Assignment

## for SSC & Railways Aspirants



- On the orders of Aurangzeb, which Sikh Guru was arrested and sentenced to death?
  - Guru Tegh Bahadur
  - Guru Ram Das
  - Guru Har Krishan
  - Guru Amar Das
- Which session of the congress was presided over by Mahatma Gandhi?
  - Allahabad
  - Guwahati
  - Belgaum
  - Surat
- Where is Mughal garden located?
  - Shimla
  - Madhya Pradesh
  - Delhi
  - Uttar Pradesh
- Tarapur Atomic Power Station is situated in which state of India?
  - Tamilnadu
  - Karnataka
  - Maharashtra
  - Madhya Pradesh
- What is the minimum age required to be the President of India?
  - 25
  - 35
  - 45
  - 65
- What did Albert Einstein win a nobel prize for?
  - His discovery of the law of the photoelectric effect
  - Theory of relativity
  - For his experiment with gamma rays
  - None of the above
- What is symbol for tin?
  - T
  - Pb
  - Sn
  - Ti
- Present ages of A and B are in ratio 8:15 respectively. 8 years ago their ages were in ratio 6:13. What is the ratio of their ages 8 years from now?
  - 9:16
  - 9:17
  - 10:17
  - 13:17
- If a 10 digit number  $962987x7y2$ , where x and y are single digit integer, is divisible by 72, then find the value of  $3x-y$  for the the maximum possible value of x.
  - 8
  - 19
  - 3
  - 13

- A quadrilateral ABCD is drawn. Inside it a circle is drawn touching AB at P, BC at Q, DC at R and AD at S. If  $BP = 4$ ;  $QC = 6$ ;  $DR = 3$  and  $AS =$   
2. Find the perimeter of the quadrilateral.

- 30
- 28
- 12
- 34

- Direction:** Following data shows the percentage distribution of students in six different universities and percentage distribution of boys and girls in each university. Study the data carefully and answer the questions that follows.

Universities	% of students	% of boys	% of girls
A	12	55	45
B	15	60	40
C	8	40	70
D	28	75	25
E	17	20	80
F	20	64	36

Average number of students in all the universities is:

- 750
- 680
- 435
- Data inadequate

12.  $\frac{\left(4\frac{2}{9} - \frac{1}{2}\right)38}{3\frac{1}{9} + 1\frac{1}{9}} \div \frac{62}{3 + \frac{1}{3 + \frac{1}{5 - \frac{1}{5}}}}$  what will be its value?

- $3\frac{11}{15}$
- $4\frac{13}{16}$
- $5\frac{21}{38}$
- $3\frac{10}{19}$
- None of the above

- The curved surface area and the volume of a cylinder are  $264 \text{ cm}^2$  and  $924 \text{ cm}^3$  respectively. Find the ratio of its radius and height.

- 7:6
- 11:7
- 9:7
- 13:11

- In the following question, select the odd number from the given alternatives.

- 54
- 164
- 99
- 117

15. The ratio of present ages of Ratna and Shantanu is 5:4. After 19 years the ratio of their ages will be 10:9. What is Ratna's present age?

- A. 19                      B. 15  
C. 9                        D. 72

16. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

57, 62, 31, 36, ?

- A. 18                      B. 20  
C. 22                      D. 24

17. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

2, 7, 17, 32, ?

- A. 52                      B. 50  
C. 54                      D. 60

18. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

K, M, O, ? S, U

- A. P                        B. T  
C. V                        D. Q

19. If PAINTER is written as SCLPWGU, then WRITER is written as -

- A. ZTVLTH              B. ZTLVHT  
C. ZTLVTH              D. ZTLTHV

20. If AU is coded as 21, EGG is coded as 245, then BAKE will be coded as?

- A. 190                    B. 200  
C. 110                    D. 210

21. Arrange the following words in a meaningful sequence.

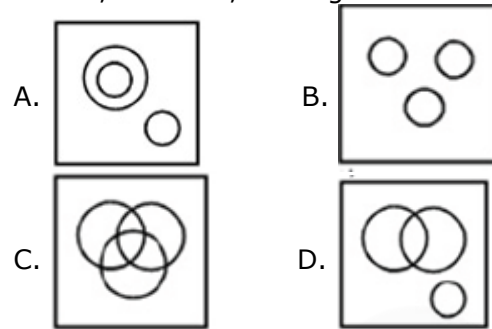
- 1) Reader
- 2) Write
- 3) Publish
- 4) Author
- 5) Sale

- A. 12345                      B. 21345  
C. 24531                      D. 24351

22. Identify the diagram that best represents the relationship among the

given classes.

Wheat, mustard, cabbage



23. In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

Picasso (was a great painter and a great) sculptor of his time.

- A. was a great painter and great  
B. were a great painter and sculptor  
C. was the great painter and a sculptor  
D. No improvement

24. In the following question, out of the five alternatives, select the word opposite in meaning to the given word.

Mammoth

- A. Colossal                      B. Gargantuan  
C. Prodigious                      D. Miniature

25. In the following question, a sentence has been given in Active/Passive Voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active Voice. They have published all the details of the invention.

- A. All the details of the invention have been published by them.  
B. The publication of the details of invention was done by them.  
C. All the details have been invented by the publishers.  
D. All the details have been details by them.

26. In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

A. Privilage  
C. Previlage

B. Privilege  
D. Previlage

27. In the following question, out of the four alternatives, select the alternative which is the best substitute for the phrase.

One who loves books

A. Bibliophobe      B. Bibliophile  
C. Bibliographer      D. Bibliophagist

28. In the following question, a set of labelled sentences is given. Out of the four alternatives, select the most logical order of the sentences to form a coherent paragraph.

P) These same technologies are enabling people's sense of entitlement more than ever before.

Q) The benefits of Internet and social media are unquestionably fantastic.

R) For the same reason, this is the best time to be alive.

S) But perhaps these have some unintended social side effects.

A. QRSP  
C. SRQP

B. QSRP  
D. PRSQ

29. In the following question, out of the four alternatives, select the alternative which is the best substitute for the given phrase.

An imaginary name assumed by an author for disguise

A. Facsimile      B. Surname  
C. Alias      D. Pseudonym

30. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If the sentence is free from error, select 'No error'.

I have tell you once and again that you must not read such trash.

A. I have tell you  
B. No error  
C. must not read such trash.  
D. once and again that you

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