Home Assignment for SSC CHSL 2019-20 Exam Aspirants

1. Select the most appropriate meaning of the given idiom.
At snail's pace
A. do something very carefully
B. be very persistent
C. do something very slowly
D. keep your moves secret

2. **Direction:** Select the most appropriate meaning of the given idiom
Left-handed compliment
A. praise that is given directly
B. insulting someone in front of others
C. insulting remark appearing as praise
D. making fun of someone to tease them

3. Select the most appropriate meaning of the given idiom.
Mad as a hatter
A. superstitious   B. very upset
C. eccentric   D. old fashioned

4. **Direction:** Select the most appropriate word for the given group of words
Place for collection of dried plant specimens
A. green house   B. nursery
C. warehouse   D. herbarium

5. Select the most appropriate word for the group of words.
One who is in charge of a museum or art gallery
A. monitor   B. curator
C. instructor   D. collector

6. Select the most appropriate antonym of the given word.
EXAGGERATE
A. heighten   B. amplify
C. compress   D. overdo

7. Select the most appropriate antonym of the given word.
SPARSE
A. dense   B. strong
C. thin   D. weak

8. Choose the word which is nearly opposite in meaning to the given word.
Bland

A. Blah   B. Insipid
C. Tame   D. Lively

9. Select the most appropriate antonym of the given word.
Outlandish
A. Droll   B. Kinky
C. Common   D. Grotesque

10. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.
Please be patient. All your grievances will be _____.
A. settled   B. satisfied
C. solved   D. attended

11. In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.
I _____ my black leather shoes till they shine.
A. scrub   B. rub
C. brush   D. polish

12. **Direction:** In the sentence identify the segment which contains the grammatical error.
The promoters of Med Hospitals has agreed to sell their business to Pal Hospitals.
A. The promoters of
B. to sell their business
C. Med Hospitals has agreed
D. to Pal Hospitals

13. In the following sentence, four words or phrases have been underlined. One of them is incorrect. Select the incorrect word or phrase from the given options.
I am certain that the officer is not only greedy but corrupt.
A. is   B. that
C. but corrupt   D. I am

14. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A) At this speed the rocket soon attained the height of 190 miles above the earth.
B) At 9 am the great rocket lifted in the air with a mighty roar.
C) It rose smoothly at first, then quickened to a speed of 17,500 miles an hour.
D) Gagarin now pulled himself towards the window to look down.

A. ADBC   B. CBAD
C. BCAD   D. BADC

15. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A) But once when Mark disturbed the whole class with his pranks, I had to reprimand him.
B) He was in third grade when I taught at Saint Mary's School.
C) All 34 students were dear to me, but Mark Eklund, was one in a million.
D) He had a happy-to-be-alive attitude that made even his occasional mischievousness delightful.

A. CBDA   B. BADC
C. ADBC   D. CADB

16. If $x^2 + y^2 + 2x + 1 = 0$, then find the value of $(x^{31} + y^{35})$.
A. -1   B. 0
C. 1   D. 2

17. A person can swim 60 km in 2 hrs 30 min in upstream. If speed of the person is 5 times of the speed of current, then what is the time required to cover this distance in downstream?

A. $1\frac{1}{3} hrs$ B. $3\frac{1}{3} hrs$
C. 5 hrs   D. none of these

18. A sum of money becomes Rs. 3100 in 3 years and Rs. 6789 in 7 years on compound interest. Find the rate of compound interest?
A. 10.75 %   B. 13.87 %

C. 21.64 %   D. 33.67 %
E. 29.56 %

19. The sides of ΔABC are 10 cm, 10.5 cm and 14.5 cm. What is the radius of its circumcircle?
A. 7.5 cm   B. 7.25 cm
C. 5 cm   D. 5.25 cm

20. If $a^2 + \dfrac{1}{a^2} = 6$; then find $\dfrac{27a^3 + \dfrac{27}{a^3}}{a^4 + \dfrac{1}{a^4}}$?

A. $135\sqrt{2}$ B. $\dfrac{135\sqrt{2}}{34}$

C. $\dfrac{135\sqrt{2}}{17}$ D. $\dfrac{270\sqrt{2}}{17}$

21. Ram and Suresh are standing on two points 300 m apart from each other. They start running with speeds of 12 km/h and 15 km/h respectively in the same direction. What is distance covered by Suresh to catch Ram?
A. 2000 m   B. 1200 m
C. 1000 m   D. 1500 m

22. A villager buys a goat and a sheep together for Rs 14,250. He sold the sheep at a profit of 10% and the goat at a loss of 20%. If he sold both the animals at the same price, then what was the cost price of the cheaper animal?
A. 8250   B. 6600
C. 7500   D. 6000

23. In a triangle ABC, angle bisector of ∠A, ∠B & ∠C cuts circumcircle at X, Y, Z respectively. If ∠CZY = 40 & ∠A = 50, then, find ∠BYZ?
A. 30 degree   B. 25 dgree
C. 20 degree   D. 60 degree

24. If the points (3,4),(7,12) & (k+1,k-2) are collinear find value of k.
A. 4   B. -4
C. -2   D. 2

25. If the difference between area of the circumcircle and the incircle of an equilateral triangle is 115.5 cm². The altitude of the triangle is:

A. $7\sqrt{3}$ cm
B. $3.5\sqrt{3}$ cm
C. $14\sqrt{3}$ cm
D. None of these

26. The side of equilateral triangle is 9 cm which is base of right prism. If the volume of prism is 324√3 cc. Find the height of the right prism?

A. 20 cm
B. 15 cm
C. 19 cm
D. 13 cm
E. 16 cm

27. The number of prime factors in $6^{333} \times 7^{222} \times 8^{111}$

A. 1221
B. 1222
C. 1111
D. 1211

28. The value of (1 + cotθ − cosecθ) (1 + cosθ + sinθ) secθ = ?

A. 2
B. sinθ cosθ
C. secθcosecθ
D. -2

29. Simplify $\dfrac{\sin(x+z)+\sin(x-z)+2\sin x}{\sin(y+z)+\sin(y-z)+2\sin y}$?

A. $\tan x \tan y$
B. $\dfrac{\sin x}{\cos y}$
C. $\dfrac{\cos x}{\cos y}$
D. $\dfrac{\sin x}{\sin y}$

30. The value of

$$3\frac{1}{5}-\left[2\frac{1}{2}-\left\{\frac{5}{6}-\left(\frac{2}{5}+\frac{3}{10}-\frac{4}{15}\right)\right\}\right] \text{ is:}$$

A. $\dfrac{6}{5}$
B. $\dfrac{9}{10}$
C. $\dfrac{11}{10}$
D. $\dfrac{13}{5}$

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