

SYMBIOSIS ENTRANCE PRACTICE TEST 1

- 42 oranges are distributed among some boys and girls. If each boy gets 3, then each girl gets 6. But if each boy get 6 and each girls get 3, it needs 6 more. The number of girls
(a) 10 (b) 8 (c) 6 (d) 4
- In an examination a student was asked to find $\frac{3}{14}$ of a certain number. By mistake he found $\frac{3}{4}$ of it. His answer was 15 more than the correct answer. Find the number
(a) 190 (b) 250
(c) 280 (d) 350
- Given sets $(2, 17, 31)$ is set of
(a) Prime numbers (b) Whole numbers
(c) Odd numbers (d) Even numbers
- In a survey $\frac{3}{16}$ of the people said that they preferred to visit self service restaurant. $\frac{5}{8}$ said that they would like to served food by waiters. the remaining 75 said that they have no clear preference. How many people preferred self service?
(a) 75 (b) 125
(c) 100 (d) 350
- The ratio of daily wages of two workers is 4:3 and one gets daily Rs 9 more than the other What are their daily wages?
(a) 80 & 60 (b) 60 & 51
(c) 36 & 27 (d) 33 & 24
- A company produces red, green and blue buckets in the ratio 2:7:4. If a week production totals 7,774 buckets, how many green buckets are produced?
(a) 1110 (b) 4186
(c) 6663 (d) 1196
- In the bag, there are certain number of balls with alphabets A,B,C and D written on them The ratio of balls A:B:C:D in ratio of 4:7:3:1. if the number of A balls is 50 more than the number of C balls what is the number of B balls?
(a) 650 (b) 480
(c) 578 (d) 350
- In preparing a meal for 4 people, a housewife uses 600 grams of sprouts, 1 kg of potatoes, 1 cauliflower weighing $\frac{1}{2}$ kg each and 700 grams of meat. If one quarter of the weight is lost in preparation and cooking, then what is the average weight in grams, of each person's meal
(a) 2100 (b) 875
(c) 700 (d) 525
- Sohani says that in two years she will be th twice as old as she was four years ago. How old is Sohani now?
(a) 10 (b) 12
(c) 14 (d) 18
- What percent decreases in salaries would exactly cancel the 20 percent increase?
(a) $15\frac{1}{3}\%$ (b) $14\frac{2}{3}\%$
(c) $16\frac{2}{3}\%$ (d) $33\frac{1}{3}\%$
- 75 g of sugar solution has 30% sugar in it. Then, the quantity of sugar that should be solution to make the quantity of the sugar 70% in the solution is:
(a) 125 g (b) 100 g
(c) 120 g (d) 130 g
- A trader mixes 26 kg of rice at per Rs 20 per kg with 30 kg of rice of other variety at Rs 36 per kg and sells the mixture at Rs 30 per kg. His profit percent is
(a) 12% (b) 5%
(c) 8% (d) 10%
- An amount becomes its 3 times in 20 year. What is rate of simple interest per annum?
(a) 15% (b) 10%
(c) 6.67% (d) 6%
- A man can do a piece of work in 10 days but with the assistance of his son, the work is done in 8 days. In how many days, his son alone can do the same piece of work?
(a) 15 (b) 22 (c) 30 (d) 40
- Time taken by train 720 m long travelling at 28 km / hr in passing a boy walking 10 km / hr in same direction will be
(a) 146 sec (b) 144 sec
(c) 145 sec (d) 147 sec
- The cost price of an article is x. It is marked up by 200% If it is sold at Rs 540 after giving 25% discount. What is the value of x (in Rs)
(a) 360 (b) 250
(c) 300 (d) 240

17. Select the appropriate related word : Man :

Biography :: Nation :

- (a) Population (b) Autobiography
(c) History (d) People

18. Choose the odd pair of words :

- (a) Volume : Litre
(b) Time : Second
(c) Resistnace : Ohm
(d) Pressure : Barometer

19. Complete the series

5,7,11,.....,17,19,23

- (a)12 (b)13
(c)15 (d)14

20. If white is called blue, blue is called red, red is called yellow, yellow is called green, green is called black, black is called violet and violet is called orange, what would be the colour of human blood?

- (a) Red (b) Green
(c) Yellow (d) Violet

21. If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for SEARCH

- (a) 246173 (b) 214673
(c) 214763 (d) 216473

22. Five persons are standing in one line. One of the two persons at extreme end is a professor and the other is a businessman. An advocate is to right of a student. An author is to the left of the businessman. What is the position of advocate from the left?

- (a) 1st (b) 2nd
(c) 3rd (d) 4th

23. Which letter is exactly midway between G and Q if ENglish alphabets are written in order ?

- (a) K (b) L
(c) M (d) N

24. Pointing towards a person, a man said to a women, "His mother is the only daughter of your Father". How is the woman related to that person ?

- (a) Daughter (b) Sister
(c) Mother (d) Wife

25. A and B are brothers. C and D are sisters . A son is D brother . How is B related to C ?

- (a) Father (b) Brother

- (c) Grandfather (d) Uncle

26. Mita goes towards North , turn right , then right again and then goes to the left . in which direction is she now ?

- (a) East (b) West
(c) North (d) South

27. Six friends are sitting in a circle and are facing the centre of the circle. Hari is between Prakash and Pankaj. Priti is between Mukesh and Lalit. Prakash is to the left of Mukesh. Who is to the second right of Hari?

- (a) Lalit (b) Mukesh
(c) prakash (d) None of above

28. A solid, four-inch cube of wood is coated with blue paint on all six sides. Then the cube is cut into smaller one-inch cubes. These new one-inch cubes will have either three blue sides, two blue sides, one blue side, or no blue sides. How many will be with 3 blue sides?

- (a) 10 (b) 12
(c) 8 (d) 24

29. Who has been announced as the winne of the Bharat Ratna award on January 23 , 2024 ?

- (a) Sachin Tendulkar
(b) Karpoori Thakur
(c) Bhupender Kumar Hazarika
(d) Pranab Mukahrjee

30. The government has invited nominations for Rashtriya Vigyan Puraskar 2024 from january 14 2024 in field of

- (a) Science (b) Technology
(c) Innovation (d) All of these

31. Which of the following received by cleanest cities award of country in the Cleaniess survey 2023 on Jaunary 11 2024 .

- (a) Surat (b) Varansi
(c) Prayagraj (d) Patan

32. Minimum age required to become the President , Vice President of India or Governor of Indian state ?

- (a) 21 (b) 25
(c) 30 (d) 35

33. The first woman chief minister of Indian state is

- (a) Sarojini Naidu (b) Indira Gandhi
(c) Sucheta Kripalani (d) Rajkumari Amrita Kaur

34. The number of Union territories in India is

- (a) 5 (b) 6
(c) 7 (d) 8

35. As per the constitution of India the fundamental rights arein number

- (a) 5 (b) 6
(c) 7 (d) 8

36. Which of the following represents the year in which alexander invaded India ?

- (a) 323 BC (b) 324 BC
(c) 326 BC (d) 328 BC

37. Reserve Bank of India is Headquartered at

- (a) Kolkata (b) New Delhi
(c) Mumbai (d) Chennai

38. How many members are there in Rajya sabha ?

- (a) 238 (b) 242
(c) 246 (d) 250

39. Sugar Bowl of india is

- (a) Madhya Pradesh (b) Uttar pradesh
(c) Kerala (d) Karnataka

40. This river was also called as the Ganges of the south. Name the river from given options

- (a) Godavari (b) Krishna
(c) Caurvery (d) None of these

41. Decibel us unit of

- (a) Frequency (b) Wave length
(c) Sound (d) Luminuous intensity

42. The capital of Greece is

- (a) Warsaw (b) Athens
(c) Oslo (d) Ottawa

43. Who is considered as the Father of History ?

- (a) Arsitotle (b) Herodotus
(c) Socrates (d) Plato

44. First woman chief justice of High court of India is

- (a) Fatima Bibi (b) Ruma Pal
(c) Lelia seth (d) None of these

45. Questions (45-52) are part of the comprehension given below

The children of M. G. Vidyalaya, had a wonderful time yesterday. They were captivated by the speed, agility and showmanship of magician, Kim Rathod. The children watched him spell-bound for two hours, All that broke the silence was a gasp of astonishment or the sound of spontaneous applause, appreciating a trick. Out of his magic wand came flowers, ribbons and garlands of every possible colour and seemingly unending length. It came in such quick succession that everyone was left gasping. One or two young children came up to examine the thin stick wondering how it could hold so much. They were really frustrated. As if that was not magical enough he made a rabbit pop out of an empty wooden box. It went hopping around the stage. It was soon put back into the box and seconds later, he pulled out a rat, soft, white and squeaking. The little ones seemed a little frightened by this, while the others clapped and cheered loudly. This was the grand finale. The children did not want it to end. They shouted 'encore', 'once more'. But Kim gave them a bright smile and vanished from the scene. The children were left searching here and there for him. Then they walked out excitedly recounting what they had seen and how wonderful it was. One of the boys Ravi declared loudly, it was the best magic show of the century.

45. What does 'encore' mean

- (a) Never (b) Now
(c) Once more (d) Try

46. What did Kim do in the end?

- (a) Performed the act once again
(b) Sat down
(c) Never performed the trick
(d) Smiled and disappeared

47. What does 'Century' denote ?

- (a) A period of one year
(b) A period of hundred years
(c) A period of fifty years
(d) A period of ten years

48. What is the magician's name?

- (a) M. G. Vidyalaya (b) Kiran Rathod
(c) Kim Rathod (d) Ravi

49. What is meaning of captivated

- (a) Astonished (b) Angered
(c) Arrested (d) Honoured

50. What is meaning of spontaneous

- (a) Happending suddenly (b) Continuous
(c) Never (d) Always

51. What is a wand

- (a) Stick (b) Box
(c) Hat (d) Cloth

52. What is meaning of Hopping

- (a) Running (b) Singing
(c) Standing (d) Jumping

53. Arrange sentence in correct order

P: About 30 new hydro projects are now under execution with an installed capacity of 5,600 MW.

Q: However, with the rapid increase in demand for power, higher priority was given to the pithead super thermal power stations as their gestation period was smaller than that of the hydel schemes.

R: Many projects were taken up for execution after independence and at one time (1962-63), the capacity contribution from hydro schemes was equal to thermal schemes.

S: The first hydro generating unit in India was commissioned in Darjeeling (W. Bengal) in 1897

- (a) RQPS (b) SRQP
(c) QPSR (d) PQRS

54. P: They feel that during their time, young boys and girls were better behaved, more obedient, and had greater respect for their elders.

Q: Young people on the other hand, feel that they are capable enough to learn on their own rather than lean heavily on the older generation for any guidance.

R: The people belonging to the older generation always wonder as to what has gone wrong with the new generation.

S: They feel that a lack of respect for the old will ruin and spell disaster for the young.

- (a) PRSQ (b) SPQR
(c) PRQS (d) RPSQ

55. P: As a result, they are more able to live in harmony with themselves and with the world that surrounds them.

Q: Stabilizing meditation is catalogued as one of the hardest techniques of meditation because followers must keep their minds under total control for long period of time.

R: The benefits of this meditation, according to the followers, is that meditators can experience full understanding of their thoughts and ideas.

S: This consists of maintaining full attention to their role object focus.

- (a) QSRP (b) PQRS
(c) QPSR (d) PRQS

56. Exclusive possession or control of anything

- (a) Mono Mania (b) Monothesim
(c) Monopoly (d) Monoism

57. A place where money is coined

- (a) Press (b) Mint
(c) Lair (d) Archive

58. A series of lecture or lessons

- (a) Catalogue (b) Panel
(c) Course (d) Syllabus

59. Change the sentence into indirect speech She said to me, "What can I do for you dear?"

- (a) She asked me affectionately what could she do for me.
(b) She asked me affectionately what she could do for me.
(c) She asked me affectionately what can she do for me.
(d) She asked me affectionately if she could do anything for me.

60. Sarita said to me "I will do it now or never".

- (a) Sarita told me that I would do it then or never.
(b) Sarita told me that she would do it now or never.
(c) Sarita told me that she will do that now or never.
(d) Sarita told me that she would do it then or never.