KATHMANDU MODEL SECONDARY SCHOOL
Balkumari, Lalitpur

Model Question for Entrance Exam 2077

FACULTY OF MANAGEMENT and HUMANITIES

Time: 1 hrs. **F.M.: 50**

Choose the Best Answer.

General Knowledge

1. **Who is the son of Arjuna according to *Mahabharata?***
   a. Ghatotkach b. Abhimanyu
   c. Megharaj d. Parikshit
2. **When the latest Constitution of Nepal promulgated?**
   a. 2070 Aswin 4 b) 2063 Jeth 15
   c. 2072 Aswin 3 d. 2073 Falgun 2
3. **Who invented anti-biotics?**
   a. Alexender Flemming b. Alexender Grambel
   c. Albert Einstein d. Robert Hook
4. **Who is the father of Modern Economics?**
   a. Marshall Smith b. Will Smith
   c. Adam Smith d. Adam Nobel
5. **What is the full form of NEB?**
   a. National Examination Board
   b. National Electricity Board
   c. Nepal Engineering Board
   d. Nepal Election Board
6. **Which is the tallest bridge of Nepal?**
   a. Karnali Bridge b. Narayani Bridge
   c. Bhotekoshi Bridge d. Modikhola Bridge
7. **In which district does Limpiyadhura lies?**
   a. Darchula b. Baitadi
   c. Bajhang d. Kanchanpur
8. **In which city of China the first case of Corona Virus was detected?**
   a. Shanghai b. Sichuan c. Beijing d. Wuhan
9. **How many gold medals did Nepal bag in SAG 2019?**
   a. 50 b. 206 c. 51. d. 60
10. **Who is the author of novel 'China Haraeko Manchhe'?**
    a. Abhi Subedi b. Shreedhar Lohani
    c. Sanjeev Uprety d. Hari Bansha Acharya

Subject: Mathematics

11. **In a school $\frac{1}{6}$ of the girls and $\frac{1}{7}$ of the boys took part in NCC camp. Total number of students in NCC camp are:**
    a. 700 b. 800 c. date inadequate d. 900
12. $(25)^2 + \sqrt{?} - (19)^2 = 385$
    a. 121 b. 1331
    c. 14641 d. 11
13. **If $n(U) = 7,\ n(A) = 3,\ n(B) = 5,$ then the maximum value of $n(A \cup B)$ is**
    a. 5 b. 7 c. 8 d. 10
14. **A student has to secure 35% marks to pass. He gets 650 marks and fails by 50 marks. Find the full marks.**
    a. 1000 b. 1500 c. 2000 d. 25000

15. **Which of the following formula is true?**

a. SP = CP + Profit b. $SP = \frac{CP\,(100 + P\%)}{100}$

c. SP = MP - Discount d. All of above

16. **A person sold a watch for Rs.96 and got profit equal to cost price. Find the C.P. of the watch.**

a. Rs.96 b. Rs.48 c. Rs.90 d. Rs.60

17. **If A = {1, 2, 3, 4}, B = {3, 5, 7} then the set (A-B) ∪ (B-A) is**

a. {1, 2, 3, 4, 5, 7} b. {5, 7}

c. {1, 2, 4, 5, 7} d. {3}

18. **What is the smallest integer n for which** $25^n > 5^{12}$?

a. 7 b. 6 c. 8 d. 9

19. **If 7 Yen = $0.01, $100 = Rs.5000. How many Yens are Rs.100?**

a. 1000 b. 1600 c. 1400 d. 1200

20. **What is 25% of 45% of** $\frac{4^{th}}{9}$ **of 4540?**

a. 217 b. 207 c. 237 d. 227

21. **One-seventh of a number is 48. What will 72% of that number be?**

a. 228.46 b. 237.36 c. 213.7 d. 241.92

22. **What is the least number to be added to 7700 to make it a perfect square?**

a. 131 b. 221 c. 77 d. None

23. **16 men can complete a piece of work in 24 days. In how many days can 12 men complete the same work?**

a. 30 days b. 32 days

c. 36 days d. 48 days

24. **There are 7 dozen candles kept in a box. If there are 14 such boxes, how many candles are there in all the boxes together?**

a. 1176 b. 98 c. 1216 d. 168

25. **The average age of 8 men is increased by 2 years if one of them whose age is 24 years is replaced by a fresh man. Find the age of fresh man.**

a. 24 years b. 26 years

c. 40 years. d. 42 years

26. **A cycle wheel makes 1000 revolutions in moving 440 cm. What is the diameter of the wheel?**

a. $\frac{7}{50}$ cm b. $\frac{50}{7}$ cm

c. $\frac{35}{8}$ cm d. $\frac{8}{35}$ cm

27. **In the figure given below, AC II BD and AE II BF. What is x?**

a. 130^0 b. 110^0 c. 70^0 d. 50^0

28. **The total surface area of a cone whose slant height is equal to the radius R of its base is S. If A is the area of a circle of radius 2R, then which one of the following is correct?**

a. A = S b. A = 2S

c. $A = \frac{S}{2}$ d. A = 4S

29. **The ratio of side of an equilateral triangle to its height is**

a. 1:1 b. 1:2 c. $2:\sqrt{3}$ d. $\sqrt{3}:1$

30. $A \cup A^c$ is

a. ∪ b. ϕ c. A^c d. A

Subject: English

Choose the correct answer:

31. If only I ……. earlier, I'd have sent you a ticket.
a. knew b. had known
c. had been knowing d. know

32. Ram ……. .He has shot three deer.
a. had hunted b. has hunted
c. hunted d. has been hunting

33. Sita ……. her servant to dig the field.
a. made b. got c. had d. get

34. Yesterday we met a lady ……. children go to the same school as ours.
a. who b. whose c. where d. whom

35. ……. it is cold, he goes swimming.
a. Because b. Since
c. However d. Although

36. Raju came to my house ……. I would give him some money.
a. however b. although
c. because of d. thinking that

37. He is going to sell his property next year. His property ……. next year.
a. is being gone to sell b. is going to be sell
c. is going to be sold d. is going to being sold

38. The food ……. yet for the guests.
a. has been cooked b. have been cooked
c. hasn't been cooked d. haven't been cooked

39. The policeman asked me where …….
a. I'm going. b. I was going.
c. are you going d. was I going.

40. His father went to ……. hospital for treatment.
a. nothing b. the
c. a d. an

41. He never tells the truth, …….?
a. does he b. do he
c. doesn't he d. don't he

42. He cut his finger in the school, …….?
a. don't he b. didn't he
c. does he d. did he

43. Mahesh, a leader of these boys, ……. absent yesterday.
a. was b. had been
c. were d. have been

44. What is the negative form of "She has a pen"?
a. She hasn't a pen.
b. She has not got a pen.
c. She doesn't has a pen.
d. She doesn't have a pen.

45. I, as well as my friends, ……. going abroad.
a. is b. are
c. am d. were

46. By the next month, he will have been living here …… two months.
a. for b. since
c. until d. by

47. I think there will be plenty of toys. You ……. bring any toy.
a. need to b. must
c. must not d. need not

48. If it rains, I ……. at home.
a. should have stayed b. should stayed
c. should be stayed d. shall stay

49. Harish doesn't ……. to pass.
a. try b. tries
c. has tried d. tried

50. What is the opposite of 'zenith'?
a. nadir b. below
c. under d. above

The End