



MID VALLEY SS/COLLEGE

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FACULTY: NON-SCIENCE

MODEL SET -2083

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Attempt all the questions by choosing the best alternative.

ENGLISH:

1. I have to write essay
a. a b. an c. both a & b d) None
2. Shriyam has lots of friend her roommate.
a. Beside b. beside c. along d. also
3. The thieves by the time the police arrived.
a. Have run away b. ran away
c. had run away d. run away
4. She doesn't speak English and
a. so, do I b. I don't speak
c. neither I do? d. I don't speak either
5. pairs of shoes she bought were expensive.
a. A b. an c. the d. no article
6. He didn't pass the exam he didn't study hard.
a. Since b. as c. because d. for
7. All of them interested in photography.
a. Is b. are c. show d. shows
8. One and a half day what I need.
a. Are b. is c. was d. have
9. He congratulated me for what I
a. Did b. had done c. have done d. was doing
10. I let her visit her.
a. To visit b. visit c. visited d. had visited
11. He could go for a long drive today if it sunny.
a. is b. was c. had been d. were
12. What compels you to do it?
a. What was you compelled to do it by?
b. What are you compelled to do it by?
c. What is you being compelled to do it by?
d. What has been you compelled to do it by?

13. She said, "what a big tree it is?"
a. She said it was a big tree.
b. She cried that a big tree was it.
c. She exclaimed surprisingly that it was very big tree.
d. She said what a big tree it was.
14. I admire her and Keshav.
a. Does so b. such does
c. so does d. does too
15. He talks as if he everything.
a. Know b. knew c. has known d. will know
16. First was full
a. So was the second b. the second was so
c. so were the second d. none
17. No sooner the police come the thief had run away.
a. did, when b. had, than
c. did, then d. did, then
18. The more you do exercise, you become.
a. The healthier b. the healthier
c. the healthiest d. healthy
19. They haven't discovered
a. whose book, is it?
b. whose book it is
c. whose book, is it?
d. whose book it is?
20. who laughs last laughs best.
a. He b. She c. That d. One
21. Come here on time.
a. You must come here on time
b. On time you must be come here.
c. You are supposed to come here on time.
d. You should come here on time.
22. She her holiday at Nagarkot.
a. said me about b. told me about
c. told about me d. told about
23. Your hair is too long.
a. It needs to cutting b. It needs to be cut
c. It needs cutting d. It needs to cut

24. She him to die soon.
a. Blessed b. cursed c. Wished d. commanded
25. She has been living there she got married.
a. Since b. because c. After d. when
26. Choose the word that is closet in meaning to 'obfuscate'.
a. clarify b. confuse c. illuminate d. simplify
27. book he borrowed from the library has to be returned within a week.
a. a b. an c. the d. no article
28. They'd never met me before,?
a. hadn't they b. had they
c. don't they d. didn't they
29. Nobody is good here,?
a. isn't it b. aren't I c. shan't I d. are they
30. The neighborhood isn't very interesting. I like the house
a. Moreover b. thus c. though d. for
31. he comes, we won't be able to go.
a. Except b. without c. unless d. unless
32. This word can be used as a noun as a verb.
a. As well b. and c. or d. nor
33. Jane is a close friend of
a. Mary's mother b. Mary's mother's
c. Marys' mother d. Mary mothers'
34. She bought eggs at the supermarket.
a. three dozen b. three dozens
c. third dozen d. nothing
35. Which of the following noun is singular?
a. cattle b. oasis c. thanks d. geese
36. One of the pupils left the school.
a. has b. have c. are d. is
37. By the end of the 18th century, the city's population about two million.
a. was b. were c. had been d. has been
38. Life without friends families would be lonely.
a. However b. and c. but d. with
39. I don't think you John.
a. having met b. have met
c. to have met d. had met
40. Listen! Someone in the room.
a. sings b. has sung c. is singing d. sings

MATHEMATICS:

41. If A and B are two sets containing 3 and 6 distinct elements resp. Then the maximum number of elements in $A \cup B$ is:
a) 9 b) 6 c) 3 d) 0
42. The reciprocals of the terms of a G.P. also form:
a) a G.P b) an A.P c) a H.P d) none
43. The sum of length of any two sides of a triangle is:
a) less than the length of third side
b) greater than the third side
c) equal to the length of third sides
d) has no relation
44. The sum of the probability of all possible outcomes of an experiment is:
a) 0 b) $\frac{1}{2}$ c) 1 d) none
45. The mean of 8 numbers is 15, if each number is multiplied by 2, then what will be the new mean:
a) 10 b) 25 c) 30 d) 35
46. The value of x^{-0} is:
a) 1 b) -1 c) x d) 0
47. If $a = bx$, $b = cy$ and $c = az$, then $xyz = ?$
a) 2 b) 1 c) 0 d) xyz
48. If $f(x) = 2x + 1$ and $g(x) = x^2$, then $f \circ g(3)$ is:
a) 18 b) 10 c) 69 d) 19
49. Volume of a square based pyramid is:
a) a^2h b) ah c) ah^2 d) a/h
50. The slope of a line parallel to y-axis is:
a) 0 b) 1 c) 2 d) ∞
51. 7 workers build a wall in 20 days. How many more workers should be employed to build it in 14 days?
a. 5 b. 4 c. 7 d. 3
52. If selling price of a Philips earphone is Rs. 450 and VAT amount is Rs. 45, find VAT percent
a. 10% b. 11.5% c. 10.5% d. 9.5%
53. Find the value of $(\sin 60 + \cos 30) \tan 30$
a. $\frac{1}{2}$ b. 1 c. $\frac{1}{3}$ d. 3
54. Length of interval $(a-\alpha, a+\alpha)$ is
a. 2α b. $2a$ c. $a + \alpha$ d. $2(a - \alpha)$
55. What is the formula to calculate principal when amount, time and rate are given?
a. $P = \frac{A + 100}{100 + TR}$ b. $P = A - I$
c. $P = I \times 100 / TR$ d. $\frac{100 + TR}{A \times 100}$

56. A dice is thrown. Find the probability of getting an even number.
a. $\frac{2}{3}$ b) 1 c) $\frac{5}{6}$ d) $\frac{1}{2}$
57. One of the methods for determining mode is
a) Mode= 2Median – 3Mean
b) Mode= 3Median -2Mean
c) Mode= 2Mean - 3Median
d) Mode= 3 Mean -2Median
58. The distance between the point P(1,4) and Q(4,0) is
a) 4 b) 5 c) 6 d) $3\sqrt{3}$.
59. If 20% of a number is 12, what is 35% of the same number?
a) 18 b) 21 c) 24 d) 30.
60. A line through point of contact and passing through Centre of circle is known as
a) tangent b) chord c) normal d) segment.
61. What is the common difference of the arithmetic progression 3 ,7 ,11 ,15, 19,?
a) 3 b) 4 c) 5 d) 6.
62. The points (-5,1), (1, p) and (4, -2) are collinear if the value of p is
a) 3 b) 2 c) 1 d) -1.
63. If the compound interest on a sum for 2 years at 8% per annum is Rs.832, the principal is:
a) Rs. 4000 b) Rs.5000 c) Rs.6000 d) 5200.
64. What is the area of circle with a circumference of 24π cm?
a) $36\pi cm^2$ b) $48\pi cm^2$ c) $64\pi cm^2$ d) $144\pi cm^2$.
65. The median when it is given that mode and mean are 8 and 9 respectively, is:
a) 8.57 b) 8.67 c) 8.97 d) 9.24.
66. What will be the coordinates of the midpoint of the line segment joining the point (-5, 10) and (15, 2)?
a) (-5,6) b) (-5, -6) c) (5,6) d) (5,-6).
67. What is the Pythagorean Theorem?
a) $a^2 + b^2 = c$ b) $a + b = c^2$
c) $c^2 = a^2 - b^2$ d) $c^2 = a^2 + b^2$.
68. Two set having no common element are called:
a) Subset b) Disjoint set c) Universal sets d) None of these.
69. If A and B are sets such that $A \subset B$, then $A \cap B$ is:
a) A b) B c) \emptyset d) U.
70. If 1.14 is expressed as a percent of 1.9, what is the value?
a) 6% b) 10% c) 60% d) 90%.

नेपाली

७१. सलिल शब्दको अर्थ तलका मध्ये कुन हो ?
क) सलल ख) पानी ग) आगो घ) घाम
७२. व्योम शब्दको पर्यायवाची शब्द तलका मध्ये कुन हो?
क) आकाश ख) बादल ग) व्यायाम घ) व्याज
७३. आदि शब्दको विपरीतार्थक शब्द तलका मध्ये कुन हो?
क) आधा ख) मध्य ग) सुरु घ) अन्त्य
७४. पविदेश शब्द तलकामध्ये कुन निर्माण प्रक्रियाबाट बनेको हो ?
क) द्वित्व ख) प्रत्यय ग) समास घ) उपसर्ग
७५. मामाघर कुन निर्माण प्रक्रियाबाट बनेको शब्द हो ?
क) समास ख) प्रत्यय ग) उपसर्ग घ) द्वित्व
७६. तल दिइएका शब्दमध्ये शुद्ध रूप कुन हो?
क) जिवन ख) जीवन ग) जीवन घ) जिवन
७७. भाइ चम्चाले खाना खान्छ। यो वाक्यमा चम्चाले कुन कारक हो ?
क) कर्ता ख) कर्म ग) अधिकरण घ) करण
७८. हामी मिड भ्यालीमा पढ्ने छौं। यो कुन कालको वाक्य हो ?
क) वर्तमान ख) भविष्यत ग) भूत घ) अज्ञात
७९. हामी परीक्षा दिदै छौं यो वाक्यमा कालान्तर्गत कुन पक्षको प्रयोग गरिएको छ ?
क) पूर्ण ख) सामान्य ग) अपूर्ण घ) अभ्यस्त
८०. परीक्षा लेख्दै छन्। यो तलका मध्ये कुन वाक्य हो ?
क) सरल ख) मिश्र ग) संयुक्त घ) जटिन
८१. आज पानी पर्ला, यो तलकामध्ये कुन भाव/अर्थको वाक्य हो ?
क) सामान्यार्थ ख) सम्भावनार्थ ग) आज्ञार्थ घ) इच्छार्थ
८२. 'उनीहरू घर गए' यो वाक्यलाई एक वचनमा परिवर्तन गर्दा कस्तो हुन्छ ?
क. ऊ घर गयो ख. ऊ घर गए
ग. उनी घर गयो घ. उनीहरू घर गयो
८३. 'आखाँको नानीमा जालो' पर्ने रोगलाई के भनिन्छ ?
क. रुघाखोकी ख. ज्वरो ग. मातीबिन्दु घ. गलगाँड
८४. 'लक्ष्मी निबन्धसङ्ग्रह' कसले लेखेको निबन्ध कृति हो ?
क. सुधा त्रिपाठी ख. प्रदीप राई
ग. लक्ष्मीप्रसाद देवकोटा घ. मोहन कोइराला
८५. 'म घर जान्छु' यो वाक्यलाई इच्छार्थ वाक्यमा परिवर्तन गर्दा कस्तो हुन्छ ?
क. म घर गएँ ख. म घर जाऊँ ग. म घर जाला घ. म घर जान्नेँ

८६. 'तिमी स्कूल गयो' यो वाक्यलाई आज्ञार्थमा परिवर्तन गर्दा कस्तो हुन्छ ?
 क. तिमी स्कूल जाऊ ख. तिमी स्कूल जाऊँ
 ग. तिमी स्कूल जाओ घ. तिमीहरू स्कूल जाओ
८७. 'भरे पानी पर्छ' यो वाक्यलाई सम्भावनार्थमा परिवर्तन गर्दा कस्तो हुन्छ ?
 क. भरे पानी परोस् ख. भरे पानी पर्ला
 ग. भरे पानी पर्छ घ. भरे पानी परिरहन्छ
८८. नेपाली व्याकरणमा कारक कति प्रकारका छन् ?
 क. दुई प्रकारका ख. छ प्रकारका
 ग. चार प्रकारका घ. तीन प्रकारका
८९. 'उनी घरबाट आइन्' यो वाक्यमा आएको 'घरबाट' ले कुन कारकलाई बुझाएको छ ?
 क. अधिकरण ख. अपादान ग. कर्म घ. कर्ता
९०. 'म पास हुन्छु' यो वाक्यलाई सामान्य भूत कालमा परिवर्तन गर्दा कस्तो हुन्छ ?
 क. म पास भएको थिएँ ख. म पास भएछु
 ग. म पास भएँ घ. म पास हुन्थेँ

GK/IQ

91. If QUICK is coded as PSFYF, how is NEST coded?
 a. MCPP b. MCCP c. NCPP d. MPCP
92. Which number should come next in this series? 25, 24, 22, 19, 15
 a. 4 b. 5 c. 10 d. 14
93. The largest national park in Nepal is
 a. Chitwan National Park b. Bardia National Park
 c. Rara National Park d. Foksundo National Park
94. When is "World Health Day" celebrated?
 a. 5th April b. 8th April c. 7th April d. 6th April
95. When was Balendra Shah elected as the prime minister of Nepal?
 a. 2082 Chaitra, 13 b. 2082 Chaitra, 14
 c. 2082 Chaitra, 15 d. 2082 Chaitra, 16
96. Who is the writer of present National Anthem of Nepal?
 a. Siddhi Charan Shrestha b. Gopal Yonjan
 c. Byakul Maila d. Alok Shree
97. What is the maximum number of players who can play in a badminton tournament?
 a. 3 b. 2 c. 5 d. 4

98. Which one of the following sites is not a search engine?
 a. Bing b. Google c. Sagoon d. Myspace
99. What is the tallest mountain in the world?
 a. Mount K2 b. Mount Everest
 c. Mount Kilimanjaro d. Denali
100. How many teeth does an adult human have?
 a. 28 b. 30 c. 32 d. 26

Best of Luck