

KIST Entrance Sample Test

Management

[Set A]

Time: 1 hr 30 mins
Full Marks: 100

Welcome to the KIST Entrance Sample Test!

This Test assesses student's competency to undertake +2 Programme in **Management**. It contains 100 multiple choice questions – English (40), Mathematics (40) and General Knowledge (20).

Please **FOLLOW** the **DIRECTIONS** below:

1. Write your **Name and Exam Entry Card Number** clearly in the space given in the **Answer Sheet**.
2. During the Test, **do not leave your seat** unless it is necessary for which you would have to take the permission.
3. Please maintain **complete silence** in the examination hall.
4. Do **not** use **calculators**.
5. Questions are self-explanatory. Further **clarification** will **not** be entertained.
6. Do **not write** anything on the **Test Paper**. Use scrap paper provided for **rough work**.
7. **Read the questions carefully**. Mark your **choice** on the answer sheet as shown below in the example:-

Example: They to the USA by December.

a) will fly b) will be flying c) will have flown d) may fly

The answer is 'will have flown'; so, on your answer sheet use a cross mark for the correct answer as shown below:

A	B	C	D
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

8. In multiple choice questions, choose the best option marking it carefully. More than one answer to a question or cancellation by over-writing or smudging of answer choices shall entail loss of marks for that question.
9. At the end of the Test, do not leave your seat or the hall until your **test papers** (Question Papers and Answer Sheet) are collected by the Invigilator.



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English

1. Which word is correctly spelled?
a) Nuisance b) Nuizance c) Nuisence d) Nuicance
2. Please sew this shirt cotton thread.
a) by b) with c) in d) for
3. 'Is she calling him?' The passive voice of this sentence is
a) Is she being called? b) Is he calling her? c) Is he called? d) Is he being called?
4. The horse and carriage at the door
a) is b) are) c) were d) have
5. What is the statement of the question – 'Does he sing song daily?''?
a) Did he ever sing? b) Does he always sing? c) He always sang. d) He sings song daily
6. Which of the following belongs to the present perfect negative?
a) They didn't sing. b) She had never seen me.
c) He has not drunk yet. d) He doesn't have a book.
7. Which of the following pair has a similar pronunciation?
a) Sew/ Sow b) Bow/ How c) Duty/ Dull d) Mute/ Meet
8. Select the synonym for the word **inarticulate**.
a) Noisy b) Mute c) Dull d) Chatty
9. He would pick them if
a) The berries would be ready. b) The berries would have ripen.
c) The berries were ready. d) The berries are ready.
10. Which of the following is noun?
a) Heal b) Active c) Wide d) Health
11. He got his wife his sons.
a) call b) called c) to call d) has called
12. The indirect speech of: She said, 'I was sick last night' is
a) She said that she was sick last night.
b) She said that she had been sick the previous night.
c) She told that she has been sick last night.
d) She says that she had been sick.
13. The antonym of 'solemn' is
a) Noble b) August c) Elevated d) Flighty
14. A group of animals that live together is called
a) Herd b) Plantation c) Colony d) Community
15. They seldom late in the monastery as their daily routine.
a) got up b) had got up c) getting up d) get up
16. The ships had their days of in the 1950 and 1960.
a) glorify b) gloriously c) glory d) glorious

17. I haven't been to New York,
 a) Nor have I. b) Nor I have. c) So, I haven't. d) So, haven't I.
18. Collect me at 7. I my bath then.
 a) will be having b) will have c) will have had d) will have been having
19. I hate a child
 a) seen/ to cry b) see / crying c) seeing / cry d) see / cry
20. Sisam got all her letters typed 5 o' clock.
 a) till b) for c) at d) by
21. Someone told us sit on the wall.
 a) not b) not to c) to not d) don't
22. She is cutting mangoes her knife.
 a) by b) in c) with d) from
23. If I were a teacher, I not punish pupils.
 a) will b) would c) would have d) shall
24. finish it? No, he didn't.
 a) Does he b) Do he c) Did he d) Shall he
25. Shyam is lazy, he is a very nice boy?
 a) Because of b) Although c) So d) Unless
26. We generally to school in the morning.
 a) went b) go c) have gone d) had gone
27. Columbus discovered America. This is to say: America by Columbus.
 a) was discovered b) had discovered
 c) was being discovered d) is discovered
28. They made me
 a) to dance b) dance c) danced d) will dance
29. I wish I an umbrella.
 a) had b) have c) have been d) will have
30. A stitch in time saves
 a) eight b) nine c) ten d) Eleven
31. Slow and steady the race.
 a) will win b) won c) wins d) win
32. The poet and the philosopher dead.
 a) is b) are c) was d) had
33. How did they the employee?
 a) select b) selected c) selects d) have selected
34. This is the house I was born.
 a) which b) when c) who d) where

35. The word "deceptive" functions as a/an

a) noun

b) verb

c) adverb

d) adjective

Read the following passage and answer the questions given below (36-40):

Yet the Puritan attack on the established church gained popular strength, especially in East Anglia and among the lawyers and merchants of London. The movement found wide support among these new professional classes, in part because it was congenial to their growing discontent with mercantile economic restraints. During the reign of Queen Elizabeth I, an uneasy peace prevailed within English religious life, but the struggle over the tone and purpose of the church continued. Many men and women were more and more forced to contend with the dislocations—emotional as well as physical—that accompanied the beginnings of a market economy. Subsistence farmers were called upon to enter the world of production for profit. Under the rule of primogeniture, younger sons tended to enter the professions (especially the law) with increasing frequency and seek their livelihood in the burgeoning cities. With the growth of a continental market for wool, land enclosure for sheep farming became an attractive alternative for large landowners, who thereby disrupted centuries-old patterns of rural communal life. The English countryside was plagued by scavengers, highwaymen, and vagabonds—a newly visible class of the poor who strained the ancient charity laws and pressed upon the townsfolk new questions of social responsibility. In the early decades of the seventeenth century some groups of worshipers began to separate themselves from the main body of their local parish church where preaching was inadequate and to engage an energetic “lecturer,” typically a young man with a fresh Cambridge degree, who was a lively speaker and steeped in reform theology. Some congregations went further, declared themselves separated from the national church, and remade themselves into communities of “visible saints,” withdrawn from the English City of Man into a self-proclaimed City of God.

36. Which statement is correct?

a) The Puritan attack was popular in the USA.

b) The Puritan attack on the church gained popularity in London.

c) English religion life was easy during the reign of Elizabeth I.

d) The Puritan's loved dispute & hatred.

37. Subsistence farmers were called upon to the world of production for profit.

a) exit

b) enter

c) delay

d) run

38. Among whom was the Puritan attack popular?

a) Lawyers and Merchants

b) Teachers and Students

c) Merchants and Politicians

d) Politicians and Lawyers

39. The younger sons tended to enter for their livelihood in the cities.

a) European

b) Latin American

c) Burgeoning

d) Modern

40. Who remade themselves into communities of ‘visible saints’?

a) Lawyers

b) Lecturer

c) Priests

d) Congregations

Mathematics

41. If $2^{x+3} = 32$, then value of 3^{x+2} is

a) 5

b) 9

c) 27

d) 81

42. If $y - \frac{1}{y} = 3$, then the value of $y^2 + \frac{1}{y^2}$ is

a) 12

b) 11

c) 9

d) 8

43. If $a = b^x$, $b = c^y$ and $c = a^z$ then $xyz = \dots\dots\dots$

a) 2

b) 1

c) 0

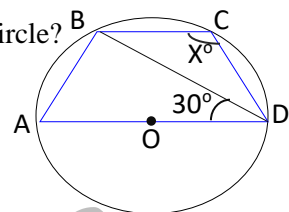
d) abc

44. If $x + \frac{1}{x} = 2$, then $\sqrt{x} + \frac{1}{\sqrt{x}}$ is

- a) 2 b) -2 c) $\frac{2}{\sqrt{3}}$ d) $\sqrt{2}$

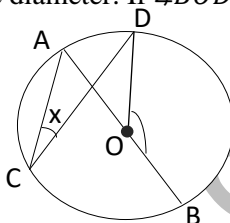
45. In the figure alongside, what will be the value of x, if O is the center of the circle?

- a) 90° b) 60°
c) 70° d) 120°



46. In the figure, O is the center of circle & AB is the diameter. If $\angle BOD = 120^\circ$, then what will be the value of x.

- a) 60° b) 90°
c) 120° d) 30°



47. The mode of the data 1, 2, 2, 3, 3, 3, 4, 5 is

- a) 1 b) 2 c) 3 d) 4

48. What is the probability of getting 2 in a roll of a dice?

- a) $\frac{1}{2}$ b) $\frac{1}{6}$ c) $\frac{1}{3}$ d) $\frac{2}{3}$

49. The value of $\sqrt[3]{a^{-5} \cdot b^{-2}} \times \sqrt[3]{a^2 \cdot b^5}$ is

- a) $\frac{a}{b}$ b) ab c) $\frac{b}{a}$ d) $a\sqrt{b}$

50. If $2x = 3y = 4z$ then $x : y : z = \dots\dots\dots$

- a) 2 : 3 : 4 b) 4 : 3 : 2 c) 6 : 4 : 3 d) 2 : 6 : 9

51. Which of the following is the equation of a circle?

- a) $x^2 + 2xy + y^2 = 0$ b) $x^2 + 2y^2 = 0$ c) $2x^2 + 3y^2 = 4$ d) $x^2 + y^2 = 1$

52. Which of the following is the area of equilateral triangle?

- a) $\frac{1}{2}bh$ b) $\frac{1}{2}ab \sin C$ c) $\frac{1}{2}bc \sin A$ d) $\frac{\sqrt{3}}{4}a^2$

53. The area of square field is 144 m^2 then its perimeter is

- a) 12 m b) 48 m c) 144 m d) 150 m

54. If circumference of a circle is 4π then its area is

- a) π b) 2π c) 3π d) 4π

55. The volume of sphere is given by

- a) $4\pi R^2$ b) $2\pi R^2$ c) $4\pi R^3$ d) $\frac{4}{3}\pi R^3$

56. Total surface area of right circular cylinder is

- a) $2\pi rh$ b) $2\pi r(r + h)$ c) πr^2 d) $\pi r^2 h$

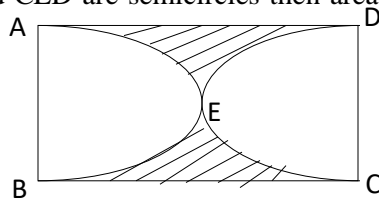
57. If $A = \{1, 2, 3, 4\}$, then number of possible subsets are

- a) 8 b) 6 c) 16 d) 9

58. Which of the following is the symbol of null set?

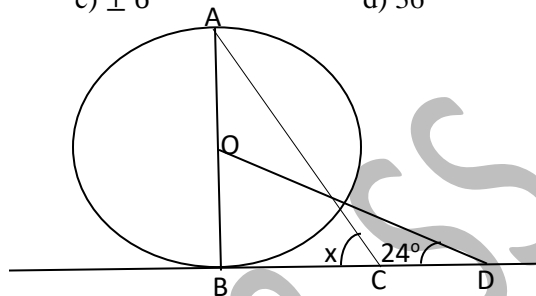
- a) $\{0\}$ b) $\{1\}$ c) $\{\emptyset\}$ d) \emptyset

59. Which of the following is the irrational number?
 a) $\frac{11}{15}$ b) π c) 0.333..... d) 4.5679
60. If $A = \{1, 2, 3, 4\}$ & $B = \{2, 4, 6, 8\}$ then $A - B$ is
 a) $\{1, 2\}$ b) $\{2, 4\}$ c) $\{1, 3\}$ d) $\{1, 2, 3, 4\}$
61. The degree of polynomial $x^3 + 2xy + y^2$ is
 a) 1 b) 2 c) 3 d) 4
62. A boy is 3 years older than his sister. Two years ago, the sum of their ages was 19. How old is the boy now?
 a) 13 years b) 12 years c) 11 years d) 10 years
63. Arithmetic mean of the data: 2, 5, 10, 12, 6 is
 a) 7 b) 10 c) 12 d) 11
64. Each angle of a regular polygon having number of sides 6 is
 a) 90° b) 120° c) 135° d) 60°
65. The sum of $1 + 2 + 3 + 4 + \dots + 100$ is
 a) 2000 b) 5000 c) 5500 d) 5050
66. What is 10 % of 20 % of 30?
 a) 0.006 b) 0.6 c) 6 d) 60
67. The median of the data: 8, 12, 35, 15, 10, 11, 14 is
 a) 4.5 b) 12 c) 13 d) 14
68. Which of the following is a scalar matrix?
 a) $\begin{bmatrix} 2 & 0 \\ 0 & 2 \end{bmatrix}$ b) $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$ c) $\begin{bmatrix} 3 & 0 \\ 0 & 5 \end{bmatrix}$ d) $\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$
69. The order of a matrix $A = \begin{bmatrix} 1 & 3 & 5 \\ 2 & 0 & 4 \end{bmatrix}$ is
 a) 2×2 b) 2×3 c) 3×2 d) 3×3
70. The slope of the line $2x + 3y + 5 = 0$ is
 a) $\frac{2}{3}$ b) $\frac{3}{2}$ c) $-\frac{2}{3}$ d) $-\frac{3}{2}$
71. What will be the next number in the sequence 1, 4, 7, 10,?
 a) 11 b) 12 c) 13 d) 14
72. What will be the next number in the sequence 1, 2, 6, 22,?
 a) 58 b) 85 c) 86 d) 87
73. If ABCD is a square with side 4 cm and AEB and CED are semicircles then area of shaded part of diagram is
 a) $8 - \pi$ b) $8 - 2\pi$
 c) $16 - 2\pi$ d) $16 - 4\pi$
74. If $x = \begin{pmatrix} 1 & a \\ 0 & 1 \end{pmatrix}$ and $3x - \begin{pmatrix} 2 & 3 \\ 0 & 2 \end{pmatrix} = \begin{pmatrix} 1 & 3 \\ 0 & 1 \end{pmatrix}$, then value of a is
 a) 0 b) 2 c) -2 d) 3



75. Which of the following is the formula to find compound amount?
 a) $P \left(1 - \frac{R}{100}\right)^T$ b) $P \left(1 + \frac{R}{100}\right)^T$ c) $P \left(1 - \frac{R}{200}\right)^T$ d) $P \left(1 - \frac{R}{100}\right)^{2T}$
76. If $p = q^r$, $q = r^p$ and $r = p^q$ then $pqr = \dots\dots\dots$
 a) 1 b) 2 c) 3 d) 4
77. What is the root of $x^2 - 36 = 0$?
 a) 6 b) -6 c) ± 6 d) 36

78. In the adjoining figure, which one of the following is the value of x ?
 a) 57° b) 67°
 c) 47° d) 37°



79. The rate of interest at the rate of Re. 1 per Rs. 50 per month is
 a) 12 % b) 6 % c) 18 % d) 24 %
80. 30 m long pole is broken at a height of 10 m then the angle made by the end of the pole to the ground is
 a) 60° b) 30° c) 45° d) 75°

General Knowledge

81. Which planet is known as 'Goddess of Love and beauty'?
 a) Mercury b) Venus c) Earth d) Mars
82. The Second highest mountain, Mt. K2 lies in which country?
 a) Pakistan b) Nepal c) India d) Afghanistan
83. The world's deepest river is
 a) Amazon b) Nile c) Hwang Ho d) Congo
84. The first test tube baby in the world is
 a) Robert Pierre b) Edmund Sen c) Luis Brown d) Om Mani Tamang
85. Who was the first Martyrs of Nepal?
 a) Gangalal Shrestha b) Lakhan Thapa c) Shukraraj Shastri d) Dasarath Chand
86. In Nepali literature, Which poet is known as '*Natya Samrat*'?
 a) Siddhicharan Shrestha b) Bal Krishna Sama
 c) Dharmaraj Thapa d) Laxmi Prasad Devkota
87. What is the full form of CRT?
 a) Crystal Ray Tube b) Cathode Ray Transistor
 c) Crystal Ray Transistor d) Cathode Ray Tube
88. Who invented Calculator?
 a) Ira Ruby b) Karl Benz c) Pascal d) Wright Brothers
89. Who is the present General Secretary of SAARC?
 a) Arjun Bahadur Thapa b) Ahmad Salim c) Abul Ahasan d) Amjad Hussain
90. What is the national game of China?
 a) Badminton b) Table-Tennis c) Archery d) Judo

91. Which country is hosting Copa America 2019?
a) Colombia b) Argentina c) Brazil d) Chile
92. Who was the author of famous book 'WAR AND PEACE'?
a) Leo Tolstoy b) Daniel Defoe c) Adolf Hitler d) William Shakespeare
93. Which country is known as 'Land of Smiles'?
a) China b) Thailand c) Korea d) Japan
94. The capital city of Cuba is
a) Havana b) Bucharest c) Basseterre d) Warsaw
95. World Cancer Day is observed on
a) February 4 b) February 6 c) March 10 d) March 21
96. Where is the headquarter of Food and Agriculture Organization (FAO) located?
a) Geneva b) Washington DC c) London d) Rome
97. Continue the series: H, I, K, N, ?
a) O b) Q c) R d) S
98. MOON : SATELLITE :: EARTH : ?
a) SUN b) SOLAR SYSTEM c) PLANET d) ASTEROID
99. If DOG is coded as FRK then CAT is coded as
a) DBU b) EDX c) EDW d) DBS
100. If BAD is coded as 214, then BED is coded as
a) 215 b) 254 c) 234 d) 244