

KHIDMAT FOUNDATION TALENT TEST

(KFTT – SEASON - 6)

- Number of questions: 80 Duration: 2 Hours
- For correct answer 1 mark, wrong answer -0.25 & for not attempting it 0 mark.

SET - B

Part – 1: Coding / Decoding

Two matrices are given below. Each letter can be represented by a two-digit code where the first digit is the ROW number and the second digit is the COLUMN number. Using these matrices, find the correct code for the given words.

MATRIX – 1

	0	1	2	3	4
0	C	D	F	H	J
1	K	L	A	P	Q
2	U	V	W	X	R
3	Z	E	D	F	H
4	J	K	L	S	P

MATRIX – 2

	5	6	7	8	9
5	Q	U	T	W	X
6	O	Z	B	D	F
7	H	J	K	L	N
8	P	I	U	V	W
9	X	Y	Z	G	D

Q.1: CARE

- (A) 00, 12, 24, 39 (B) 80, 13, 24, 31 (C) 00, 92, 24, 31
(D) 00, 12, 24, 31 (E) 08, 12, 04, 31

Q.2: SCAR

- (A) 43, 00, 12, 24 (B) 43, 00, 10, 24 (C) 47, 50, 12, 24
(D) 43, 80, 12, 24 (E) 43, 00, 12, 94

Q.3: RING

- (A) 74, 86, 79, 98 (B) 24, 86, 79, 96 (C) 24, 86, 71, 98
(D) 24, 86, 79, 98 (E) 44, 86, 79, 98

Q.4: COIN

- (A) 40, 65, 86, 79 (B) 00, 25, 86, 76 (C) 00, 60, 46, 79
(D) 80, 65, 86, 72 (E) 00, 65, 86, 79

Q.5: GRIT

- (A) 98, 24, 80, 57 (B) 98, 21, 86, 57 (C) 94, 24, 86, 57
(D) 98, 24, 86, 57 (E) 98, 84, 86, 57

Q.6: IRON

- (A) 86, 24, 65, 89 (B) 86, 34, 75, 79 (C) 86, 64, 65, 79
(D) 86, 24, 65, 79 (E) 86, 34, 65, 73

Q.7: SING

- (A) 43, 84, 79, 98 (B) 33, 86, 79, 98 (C) 93, 86, 79, 98
(D) 43, 86, 79, 98 (E) 43, 86, 79, 99

Q.8– Q.10: In a certain code, "ma ka li" means "sun rises east", "ka ro ti" means "east wind blows" and "pi so ma" means "sun sets west".

Q.8: How is "rises" written in that code?

- (A) ma (B) ka (C) li (D) so (E) Cannot be determined

Q.9: How is "west" written in that code?

- (A) so (B) li (C) ma (D) ti (E) Cannot be determined

Q.10: How is "wind blows east" written in that code?

- (A) ma li ka (B) ro so ti (C) li ka ma (D) ka ro ti (E) Cannot be determined

Q.11 – Q.14: In a certain language, "253" means "bright cold morning", "546" means "cold rainy day" and "278" means "bright sunny evening".

Q.11: Which digit represents "bright"?

- (A) 2 (B) 5 (C) 3 (D) 6 (E) 8

Q.12: Which digit represents "cold"?

- (A) 2 (B) 3 (C) 5 (D) 7 (E) 8

Q.13: Which digit represents "morning"?

- (A) 2 (B) 3 (C) 5 (D) 6 (E) Cannot be determined

Q.14: How will "bright cold" be written in that language?

- (A) 25 (B) 57 (C) 23 (D) 56 (E) Cannot be determined

Part – 2: Number Problems

Q.15: Arrange following numbers in ascending order.

5.6, 5.16, 5.61, 5.06

- (A) 5.16, 5.06, 5.61, 5.6 (B) 5.06, 5.16, 5.6, 5.61 (C) 5.6, 5.06, 5.16, 5.61
(D) 5.61, 5.6, 5.16, 5.06 (E) None of the above

Q.16: Arrange following numbers in descending order.

7.45, 7.54, 7.4, 7.05

- (A) 7.4, 7.45, 7.54, 7.05 (B) 7.05, 7.4, 7.45, 7.54 (C) 7.54, 7.45, 7.4, 7.05
(D) 7.45, 7.54, 7.05, 7.4 (E) None of the above

Q.17: Find the highest number out of the following.

- (A) 6.5 (B) 6.05 (C) 6.55 (D) 6.45 (E) 6.4

Q.18: Find the lowest number out of the following.

- (A) $\frac{2}{5}$ (B) $\frac{3}{5}$ (C) $\frac{4}{5}$ (D) $\frac{6}{5}$ (E) $\frac{1}{5}$

Q.19: (I) $\frac{3}{6} > \frac{6}{3}$ (II) $\frac{4}{4} \geq \frac{8}{8}$

- (A) Only I is true (B) Only II is true (C) Both I & II are true
(D) Both I & II are false (E) None of the above

Q.20: Find the highest number out of the following.

- (A) $\frac{7}{5}$ (B) $\frac{6}{5}$ (C) $\frac{5}{5}$ (D) $\frac{4}{5}$ (E) $\frac{3}{1}$

Q.21: Find the lowest number out of the following.

- (A) $\frac{25}{5}$ (B) $\frac{30}{5}$ (C) $\frac{16}{4}$ (D) $\frac{9}{3}$ (E) $\frac{10}{2}$

Q.22: (I) $\frac{12}{3} < \frac{20}{4}$ (II) $\frac{7}{2} \geq \frac{5}{2}$

- (A) Only I is true (B) Only II is true (C) Both I & II are true
(D) Both I & II are false (E) None of the above

Q.23: Find the lowest number out of the following.

- (A) $\sqrt{36}$ (B) $\sqrt{49}$ (C) $\sqrt{25}$ (D) $\sqrt{64}$ (E) 7

Q.24: Arrange these numbers in ascending order.

3.215, 3.125, 3.512, 3.152

- (A) 3.215, 3.125, 3.152, 3.512 (B) 3.125, 3.152, 3.215, 3.512
(C) 3.512, 3.215, 3.152, 3.125 (D) 3.152, 3.125, 3.215, 3.512
(E) None of the above

Q.25: Arrange these numbers in descending order.

9.08, 9.8, 9.18, 9.81

- (A) 9.08, 9.18, 9.8, 9.81 (B) 9.8, 9.81, 9.18, 9.08 (C) 9.18, 9.08, 9.81, 9.8
(D) 9.81, 9.8, 9.18, 9.08 (E) None of the above

Q.26: Find the highest number out of the following.

- (A) $\frac{11}{4}$ (B) $\frac{9}{4}$ (C) $\frac{13}{4}$ (D) $\frac{7}{4}$ (E) $\frac{3}{1}$

Q.27: Find the lowest number out of the following.

- (A) 4.44 (B) 4.04 (C) 4.4 (D) 4.404 (E) 4.044

Q. 28: (I) $\sqrt{81} > \sqrt{64}$ (II) $\sqrt{100} \leq \sqrt{81}$

- (A) Only I is true (B) Only II is true (C) Both I & II are true
(D) Both I & II are false (E) None of the above

Q.29: Find the lowest number out of the following.

- (A) $\sqrt{100}$ (B) $\sqrt{81}$ (C) $\sqrt{121}$ (D) 11 (E) $\sqrt{144}$

Part – 3: Puzzle Test

Read the following information & answer Q.30 to Q.33

- Priya is older than Karan.
- Rohit is older than Karan but younger than Priya.
- Tina is younger than Sonal & Karan
- Karan is older than Sonal.

Q.30: Whose age is between Rohit & Sonal?

- (A) Priya (B) Karan (C) Tina (D) Sonal (E) None of these

Q.31: Whose age is between Priya & Karan?

- (A) Rohit (B) Sonal (C) Tina (D) Karan (E) None of these

Q.32: Whose age is exactly in the middle of all the five?

(A) Priya (B) Rohit (C) Karan (D) Sonal (E) Tina

Q.33: Who is the eldest?

(A) Karan (B) Rohit (C) Sonal (D) Priya (E) Tina

Read the following information & answer Q.34 to Q.37:

- Veena is older than Amit.
- Suresh is older than Amit but younger than Veena.
- Naina is younger than Geeta & Amit.
- Amit is older than Geeta.

Q.34: Whose age is between Suresh & Geeta?

(A) Veena (B) Amit (C) Naina (D) Geeta (E) None of these

Q.35: Whose age is between Veena & Amit?

(A) Suresh (B) Geeta (C) Naina (D) Amit (E) None of these

Q.36: Whose age is exactly in the middle of all the five?

(A) Veena (B) Suresh (C) Amit (D) Geeta (E) Naina

Q.37: Who is the youngest?

(A) Veena (B) Suresh (C) Amit (D) Geeta (E) Naina

Read the following information & answer Q.38 to Q.41:

Ravi, Sita, Mohan, Geeta & Nisha are five friends.

- i. Ravi is twice as old as Sita
- ii. Mohan is half the age of Sita
- iii. Ravi is half the age of Geeta
- iv. Mohan is twice the age of Nisha

Q.38: Who is the youngest?

(A) Ravi (B) Sita (C) Mohan (D) Geeta (E) Nisha

Q.39: Who is the eldest?

(A) Ravi (B) Sita (C) Mohan (D) Geeta (E) Nisha

Q.40: Ravi is younger than

(A) Sita (B) Mohan (C) Geeta (D) Nisha (E) None of these

Q.41: If Sita is 12 years old, then what is the age of Nisha?

(A) 3 Years (B) 6 Years (C) 24 Years (D) 48 Years (E) None of these

Read the following information & answer Q.42 to Q.45:

Aman, Bina, Chetan, Divya & Esha are five cousins.

i. Aman is thrice as old as Bina

ii. Chetan is one-third the age of Bina

iii. Aman is half the age of Divya

iv. Chetan is twice the age of Esha

Q.42: Who is the youngest?

(A) Aman (B) Bina (C) Chetan (D) Divya (E) Esha

Q.43: Who is the eldest?

(A) Aman (B) Bina (C) Chetan (D) Divya (E) Esha

Q.44: Aman is younger than

(A) Bina (B) Chetan (C) Divya (D) Esha (E) None of these

Q.45: If Bina is 9 years old, then what is the age of Esha?

(A) 1 Year (B) 1.5 Years (C) 3 Years (D) 27 Years (E) None of these

Part – 4: BODMAS

Q.46: $(6 + 2) \times 3 - 4 + 2 \times 5$

(A) 30 (B) 20 (C) 96 (D) 10 (E) 4

Q.47: $(3 \times (4 - 7)) + 6 \times 2$

(A) 3 (B) -3 (C) 30 (D) 9 (E) -30

Q.48: $8 - (4 \div 2 \times 3)$

(A) 6 (B) 2 (C) -2 (D) 12 (E) -6

Q.49: $(7 - 2) \times (8 - 3) + 6$

(A) 31 (B) -31 (C) 25 (D) 11 (E) None of the above

Q.50: $(4 + 2)^2 \div 4 (\sqrt{9})$

(A) 9 (B) 12 (C) 27 (D) 36 (E) 3

Q.51: $(\sqrt{16})^2 \div (\sqrt{16})$

(A) 16 (B) 256 (C) 1 (D) 4 (E) 8

Q.52: $(3 \times 2 - 5)^2 + 3(\sqrt{36})$

(A) 19 (B) 22 (C) 18 (D) -19 (E) -22

Q.53: $(\sqrt{25} (-3)) + (\sqrt{9} + (2^2 + 3^2))$

(A) -2 (B) 1 (C) -1 (D) 2 (E) 28

Q.54: $(8 \times 3) - 5 - 2 + 4 \times 2$

(A) 25 (B) -25 (C) 9 (D) 17 (E) None of the above

Q.55: $3 \times 3 \times 1 - (2 \times (5 - 3)^2)^2$

(A) 55 (B) -55 (C) 9 (D) -9 (E) 73

Q.56: $(2)^2 + 3(2)^2 - 2(4)^2 + 5(1)^2$

(A) 11 (B) -11 (C) 33 (D) -33 (E) 0

Q.57: $(\sqrt{9} (-3)) (\sqrt{9} + (2))$

(A) 45 (B) -45 (C) 15 (D) -15 (E) None of the above

Q.58: $(9 - 5) + (5 - 2) - (2 - 6)(7 - (-3))$

(A) -47 (B) 47 (C) 7 (D) -7 (E) 87

Q.59: $(3 \times 3 \div 1)^2 + 2(\sqrt{16})$

(A) 89 (B) -89 (C) 17 (D) 81 (E) None of the above

Q.60: $(\sqrt{16} - (-2)) + ((2^2 + 3)^2)$

(A) 51 (B) 55 (C) -55 (D) 47 (E) 6

Q.61: $(\sqrt{36})^2 \div (\sqrt{9})^2$

(A) 4 (B) 16 (C) 9 (D) 36 (E) None of the above

Part – 5: Alphabet Test – Arranging Words

Q.62: If the following words are arranged in alphabetical order, which word will come third?

(A) Flame (B) Flag (C) Flat (D) Flap (E) Flaw

Q.63: Which word will come first in dictionary order?

(A) Mango (B) Manor (C) Manly (D) Mania (E) Mange

Q.64: If arranged alphabetically, which word comes last?

(A) Prize (B) Print (C) Prick (D) Pride (E) Prime

Q.65: Which word will come second in dictionary order?

(A) Clock (B) Cloth (C) Clone (D) Close (E) Cloud

Q.66: Which word comes in the middle after arranging alphabetically?

(A) Brace (B) Braid (C) Brain (D) Brand (E) Brave

Q.67: If arranged alphabetically, which word comes fourth?

(A) Stamp (B) Stage (C) Stain (D) Stale (E) Stand

Q.68: Which word will come first in alphabetical order?

(A) Groan (B) Grope (C) Groom (D) Groove (E) Gross

Q.69: If arranged alphabetically, which word comes last?

(A) Plank (B) Plant (C) Plain (D) Place (E) Plane

Q.70: Which word will come second in dictionary order?

(A) Trunk (B) Trust (C) Truth (D) Truce (E) Trump

Q.71: Which word comes in the middle after arranging alphabetically?

(A) Swept (B) Sweet (C) Swell (D) Swear (E) Sweep

Q.72: If arranged alphabetically, which word comes fourth?

(A) Crisp (B) Crime (C) Crick (D) Crimp (E) Criss

Q.73: Which word will come first in dictionary order?

(A) Blaze (B) Bland (C) Blank (D) Blast (E) Blade

Part – 6: General Knowledge / Current Affairs

Q.74: Which is the largest hot desert in the world?

(A) Thar Desert (B) Gobi Desert (C) Kalahari Desert (D) Sahara Desert (E) Arabian Desert

Q.75: What was the name of India's first satellite, launched in 1975?

(A) Bhaskara (B) Rohini (C) Aryabhata (D) INSAT-1A (E) IRS-1A

Q.76: Which gas is released by plants during photosynthesis?

(A) Carbon dioxide (B) Nitrogen (C) Oxygen (D) Hydrogen (E) Methane

Q.77: Which planet is closest to the Sun?

(A) Venus (B) Earth (C) Mars (D) Mercury (E) Jupiter

Q.78: India operationalized a free trade pact called CEPA with which Gulf country in 2026, strengthening trade links beyond the Strait of Hormuz?

(A) Saudi Arabia (B) United Arab Emirates (C) Oman (D) Qatar (E) Kuwait

Q.79: Which Indian space mission, a key step toward human spaceflight, is expected to launch an un-crewed test flight in 2026?

(A) Chandrayaan-4 (B) Aditya-L2 (C) Gaganyaan (D) Mangalyaan-2 (E) NISAR

Q.80: Which is the longest river in India?

(A) Yamuna (B) Godavari (C) Ganga (D) Brahmaputra (E) Krishna

**** ALL THE BEST ****

Rough Work

Rough Work

Rough Work