Reasoning Question Papers

Question 1.Select the related word/letters/numbers from the given alternatives:

CURE : DISEASE :: HEAL : ?

a. Illness

b. Injury

c. Recover

d. Sick

Ans. Injury

Explanation: As a disease is cured, similarly an injury is healed.

Question 2.Select the related word/letters/numbers from the given alternatives:

DBCE : QOPR :: JLKI : ?

a. YWXU

b. WYXV

c. WXYV

d. WYVX

Ans. WYXV

Explanation: consider the following table to answer this problem-

A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Hence, JLKI will be equivalent to WYXV.

Question 3.Select the related word/letters/numbers from the given alternatives:

6 : 42 :: 12 : ?

a. 48

b. 72

c. 60

d. 84

Ans. 84

Explanation: 6*7=42; similarly, 12*7 = 84;

Question 4. Find the odd word/letters/number pair from the given alternatives.

a. High-Up

b. Past-Present

c. Often-Seldom

d. Fresh-Stale

Ans. High-Up

Explanation: All except High-Up are exact opposite to each other.

Question 5. Find the odd word/letters/number from the given alternatives.

a. AOU

b. EOI

c. UIE

d. ALO

Ans. ALO

Explanation: All except ALO comprised of the vowels.

Question 6. Find the odd word/letters/number from the given alternatives.

a. 13

b. 17

c. 29

d. 87

Ans. 87

Explanation: All except 87 are prime numbers.

Question 7.Arrange the following words as per order in the dictionary and choose the one that comes first:

1. Temple 2. Tenant 3.Terminate 4.Temperature

a. Temple

b. Tenant

c. Terminate

d. Temperature

Ans. Temperature

Explanation: The correct order of the above words in the dictionary is as follow-

Temperature > Temple > Tenant > Terminate.

Hence, Temperature is the correct answer.

Question 8.A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

NOM, QRP, TUS, ?

a. WAX

b. HUT

c. WXV

d. HTU

Ans. WXV

Explanation: the series contains the consecutive letters in different pattern.

MNO ---> NOM;

PQR ---> QRP;

STU -----> TUS;

VWX -----> WXV;

Question 9.A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

1,3,7,13,21,?

a. 27

b. 29

c. 31

d. 33

Ans. 31

Explanation: The series progresses in the multiples of 2 i.e. 2, 4, 6, 8, and 10.

Hence, next number will be 21 + 10=31.

Question 10.If it is Saturday on 27thSeptember, what day will it be on 27thOctober of the same year?

a. Thursday

b. Sunday

c. Friday

d. Monday

Ans. Monday

Explanation: The month of September contains 30 days and October is comprised of 31 days.

Hence, 27^{th}October will be 30^{th}day from 27^{th}September.

$30 = 7*4 +2=$ Saturday $+ 2=$ Monday;

Question 11.The ratio of the ages of man and his wife is 4:3. After 4 years, the ration will be 9:7. If at the time of marriage, the ratio was 5:3, how many years ago were they married?

a. 12

b. 24

c. 5

d. 8

Ans. 12

Explanation: Let the man's age= 4x; then, wife's age= 3x;

After 4 years,

$(4x + 4)/(3x + 4) = 9/7; => x = 8;$

Hence, the current age of man and his wife is 32 years and 24 years respectively.

Suppose, they were married y years before; then,

$(32 – y)/(24 - y)=5/3$; => y= 12 years.

Question 12.From the given words, select the word which cannot be formed using the letters of the given word.

ALTERNATIVES

a. ALTER

b. NATIVE

c. TEN

d. NATIONAL

Ans. NATIONAL

Explanation: The given word does not contain letter 'O'. hence, option (d.) is the correct answer.

Question 13.If code P is denoted by 7, X by 9, M by 5, Z by 8, L by 2, T by 1, then ZLTPXM will be

a. 812851

b. 821591

c. 812715

d. 821795

Ans. 821795

Explanation: P --> 7; X --> 9; M ----> 5 ; Z ---> 8; L---> 2; T ---> 1;

Hence, ZLTPXM == 821795;

Question 14.If 24x2=84, and 32x3=69, then 13x3=?

a. 38

b. 93

c. 16

d. 10

Ans. 93

Explanation: 24 x 2 --à 42*2 = 84;

32 x 3 ---> 23*3 = 69;

13 x 3 ----> 31*3=93;

Question 15.If + means division, - means multiplication, '÷' means subtraction, x means addition, and < means less than, then which of the following is false

a. (10+2)÷7 < (10÷7)+2

b. (10-7)x2 < (10x2)-7

c. (10X7)-2 < (10-2)x7

d. $(10÷2)+7 < (10+7)x2$

Ans. $(10X7)-2 < (10-2)x7$

Explanation: Swap the symbols given in the question –

Option (a.): $(10+2)÷7 < (10÷7)+2$; => $(10 /2) – 7 < (10-7) /2$; => $5-7 < 3/2$; => $-2 < 1.5$; Which is True.

Option (b.): $(10-7)x2 < (10x2)-7$; => $(10 * 7) + 2 < (10 + 2)* 7$; => $72 < 84$; Which is true.

Option (c.): $(10X7)-2 < (10-2)x7$; => $(10 + 7)*2 < (10*2)+7$; => $34 < 27$; Which is False.

Hence, option (c.) is the appropriate answer to this problem.