



## Analogies questions for SSC JE PDF

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### Instructions

In each of the following questions, select the related word/letters/number from the given alternatives.

#### Question 1

**Book : Paper :: Bread : ?**

- A Flour
- B Biscuit
- C Cake
- D Butter

**Answer: A**

#### Explanation:

A book is formed by papers, similarly bread is made by flour.

=> Ans - (A)

#### Question 2

**QDXM : SFYN :: UIOZ : ?**

- A PAQM
- B LPWA
- C QNLA
- D WKPA

**Answer: D**

#### Explanation:

Expression = QDXM : SFYN

The pattern followed is :

|      |      |      |      |
|------|------|------|------|
| Q    | D    | X    | M    |
| (+2) | (+2) | (+1) | (+1) |
| S    | F    | Y    | N    |

Similarly, for UIOZ :

|      |      |      |      |
|------|------|------|------|
| U    | I    | O    | Z    |
| (+2) | (+2) | (+1) | (+1) |
| W    | K    | P    | A    |

=> Ans - (D)

#### Question 3

**BAD : DDH :: CUT : ?**

- A DCV
- B DDX
- C ECW
- D EXX

**Answer: D**

**Explanation:**

Expression = BAD : DDH

The pattern followed is :

|      |      |      |
|------|------|------|
| B    | A    | D    |
| (+2) | (+3) | (+4) |
| D    | D    | H    |

Similarly, for CUT :

|      |      |      |
|------|------|------|
| C    | U    | T    |
| (+2) | (+3) | (+4) |
| E    | X    | X    |

=> Ans - (D)

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**Question 4**

4 : 64 :: 2 : ?

A 16

B 8

C 22

D 12

**Answer: B**

**Explanation:**

Expression = 4 : 64 :: 2 : ?

The pattern followed is =  $n : n^3$

Eg =  $4 : 4^3 = 4 : 64$

Similarly,  $2^3 = 8$

=> Ans - (B)

**Question 5**

49 : 56 :: 36 : ?

A 52

B 44

C 42

D 43

**Answer: C**

**Explanation:**

Expression = 49 : 56 :: 36 : ?

The pattern followed is =  $n^2 : n^2 + n$

Eg =  $7^2 : 7^2 + 7 = 49 : 56$

Similarly,  $6^2 + 6 = 36 + 6 = 42$

=> Ans - (C)

**Question 6**

Hot : Cold :: ?

- A Summer : Sun
- B Germs : Disease
- C Light : Dark
- D Thin : Big

**Answer:** C

**Explanation:**

Hot and cold are antonyms, among the options, words which are opposite of each other are

= Light : Dark

=> Ans - (C)

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**Instructions**

In the following six questions, select the related word/letters/number from the given alternatives.

**Question 7**

AEFJ : KOPT :: ? : QUVZ

- A HKQL
- B GLKP
- C GKLP
- D HLKP

**Answer:** C

**Explanation:**

Expression = AEFJ : KOPT

The pattern followed is :

|       |       |       |       |
|-------|-------|-------|-------|
| A     | E     | F     | J     |
| (+10) | (+10) | (+10) | (+10) |
| K     | O     | P     | T     |

Similarly, for QUVZ :

|       |       |       |       |
|-------|-------|-------|-------|
| G     | K     | L     | P     |
| (+10) | (+10) | (+10) | (+10) |
| Q     | U     | V     | Z     |

=> Ans - (C)

**Question 8**

2 : 32 :: 3 : ?

- A 143
- B 243
- C 293

D 183

**Answer: B**

**Explanation:**

Expression =  $2 : 32 :: 3 : ?$

The pattern followed is  $= n : n^5$

Eg =  $2 : 2^5 = 2 : 32$

Similarly,  $3^5 = 243$

=> Ans - (B)

**Question 9**

**D × H : 4 × 8 , as M × Q : ?**

A 14 × 18

B 12 × 17

C 12 × 16

D 13 × 17

**Answer: D**

**Explanation:**

Given = D × H : 4 × 8

Alphabets in English alphabetical series are given numbers starting from A = 1 , B = 2 , C = 3 and so on.

Similarly, M = 13 and Q = 17

Thus, M × Q : 13 × 17

=> Ans - (D)

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**Question 10**

**Haematology : Blood : Phycology : ?**

A Diseases

B Fungi

C Fishes

D Algae

**Answer: D**

**Explanation:**

Haematology is the branch of medicine involving study and treatment of the blood. Similarly, Phycology is the branch of botany concerned with seaweeds and other **algae**.

=> Ans - (D)

**Question 11**

**Pride of Lions :: \_\_\_\_\_ of Cats**

A Bunch

- B Herd
- C School
- D Clowder

**Answer: D**

**Explanation:**

A group of lions is called Pride of Lions, similarly **Clowder** of cats is a group of cats.

=> Ans - (D)

**Question 12**

**MAN : PDQ :: WAN : ?**

- A YDQ
- B ZDQ
- C NAW
- D YQD

**Answer: B**

**Explanation:**

Expression = MAN : PDQ

The pattern followed is =

|      |      |      |
|------|------|------|
| M    | A    | N    |
| (+3) | (+3) | (+3) |
| P    | D    | Q    |

Similarly, for WAN :

|      |      |      |
|------|------|------|
| W    | A    | N    |
| (+3) | (+3) | (+3) |
| Z    | D    | Q    |

=> Ans - (B)

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**Instructions**

In the following questions, select the related word/letters/number from the given alternatives.

**Question 13**

$\sqrt{AFI} = M : \sqrt{ADD} = L :: \sqrt{ABA} ?$

- A I
- B N
- C O
- D K

**Answer: D**

**Explanation:**

If we assign numbers to the alphabets such as A = 1, B = 2, C = 3 and so on, we get :

$$\sqrt{AFI} = \sqrt{1+6+9} = \sqrt{16} = 4 = 1+3 \equiv 13 = M$$

$$\text{and } \sqrt{ADD} = \sqrt{1+4+4} = \sqrt{9} = 3 = 1+2 \equiv 12 = L$$

$$\text{Similarly, } \sqrt{ABA} = \sqrt{1+2+1} = \sqrt{4} = 2 = 1+1 \equiv 11 = K$$

=> Ans - (D)

**Question 14**

16 : 22 :: 36 : ?

A 44

B 24

C 26

D 46

**Answer: A**

**Explanation:**

Expression = 16 : 22 :: 36 : ?

The pattern followed is =  $n^2 : n^2 + n + 2$

$$\text{Eg} = 4^2 : 4^2 + 4 + 2 = 16 : 22$$

$$\text{Similarly, } 36 = 6^2$$

$$\text{Thus, } 6^2 + 6 + 2 = 36 + 8 = 44$$

=> Ans - (A)

**Question 15**

PALAEONTOLOGY : FOSSIL :: PHRENOLOGY : ?

A SKULL

B THYROID

C PANCREAS

D LUNGS

**Answer: A**

**Explanation:**

Palaeontology is the branch of science concerned with fossil, similarly Phrenology is the study of skull.

=> Ans - (A)

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