

en as ODPS. How will BOOK be written?

- B. CQQM
- C. CQQN
- D. ERRN

Answer: D

Sol: Given: In a certain code, LAMP is written as ODPS.

1	2	3	4	5	6	7	8	9	10	11	12	13
A	B	C	D	E	F	G	H	I	J	K	L	M
Z	Y	X	W	V	U	T	S	R	Q	P	O	N
26	25	24	23	22	21	20	19	18	17	16	15	14

Logic: Letters are increasing + 3 place.
For, LAMP - ODPS
L + 3 = O, A + 3 = D, M + 3 = P, P + 3 = S
Similarly,
BOOK - ?
B + 3 = E, O + 3 = R, O + 3 = R, K + 3 = N
So, BOOK is written as **ERRN**.
Thus, correct option is (d).

Q.2 Find the odd number.

- A. 16
- B. 25
- C. 36
- D. 48

Answer: D

Sol: Now, we check each options.
Option (a): $16 = 4^2$ (Perfect square)
Option (b): $25 = 5^2$ (Perfect square)
Option (c): $36 = 6^2$ (Perfect square)
Option (d): 48 = Not a perfect square
Three numbers (16, 25, 36) are perfect squares, but **48** is not.
So, **48** is odd one out.
Thus, correct option is (d).

Q.3 Find the missing term in the series: A1, C3, E5, __ , I9

- A. F6
- B. G7
- C. H8
- D. G9

Answer: B

Sol: Given: A1, C3, E5, __ , I9

1	2	3	4	5	6	7	8	9	10	11	12	13
A	B	C	D	E	F	G	H	I	J	K	L	M
Z	Y	X	W	V	U	T	S	R	Q	P	O	N
26	25	24	23	22	21	20	19	18	17	16	15	14

Logic: Letters and numbers are increasing + 2 place.
 $A + 2 = C$, $C + 2 = E$, $E + 2 = G$, $G + 2 = I$

1 + 2 = 3, 3 + 2 = 5, 5 + 2 = 7, 7 + 2 = 9
So, the missing term is **G7**.
Thus, correct option is (b).

Q.4 A team is behind schedule on a critical project. What is the most effective first step?

- A. Add more tasks
- B. Review and prioritize key activities
- C. Cancel the project
- D. Reduce quality standards

Answer: B

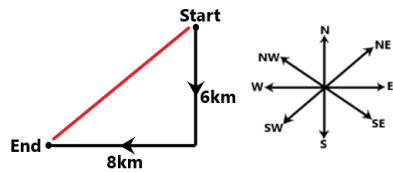
Sol: Given: A team is behind schedule on a critical project.
Explanation:
When a project is behind schedule, the most effective first step is to review the current work and prioritize the most critical activities so efforts are focused where they matter most.
So, **Review and prioritize key activities** is the most effective first step.
Thus, correct option is (b).

Q.5 A man walks 6 km south, then 8 km west. How far is he from the starting point?

- A. 10 km
- B. 12 km
- C. 14 km
- D. 8 km

Answer: A

Sol: Given: A man walks 6 km south, then 8 km west.
From the given information path diagram will be.



Using Pythagoras theorem:
Distance:
= $\sqrt{6^2 + 8^2}$
= $\sqrt{36 + 64}$
= $\sqrt{100}$
= **10km**
So, he is far **10km** from the starting point.
Thus, correct option is (a).

Q.6 AB12 is related to CD34 in a certain way. In the same way, EF56 is related to GH78. To which of the following is IJ90 related?

- A. KL12
- B. JK01
- C. LM23
- D. MN12

Answer: A

Sol: Given: AB12 is related to CD34 and EF56 is related to GH78 with same logic.

1	2	3	4	5	6	7	8	9	10	11	12	13
A	B	C	D	E	F	G	H	I	J	K	L	M
Z	Y	X	W	V	U	T	S	R	Q	P	O	N
26	25	24	23	22	21	20	19	18	17	16	15	14

Logic: Letters are increasing + 2 and numbers are increasing + 22 place.
For, AB12 - CD34
A + 2 = C, B + 2 = D
12 + 22 = 34

For, EF56 - GH78
E + 2 = G, F + 2 = H
56 + 22 = 78
Similarly,
IJ90 - ?
I + 2 = K, J + 2 = L
90 + 22 = 12 (after 99, it cycles back)
So, IJ90 is related to **KL12**.
Thus, correct option is (a).

Q.7 If ‘A’ means ‘-’, ‘B’ means ‘÷’, ‘C’ means ‘×’ and ‘D’ means ‘+’, then evaluate: 36 C 4 D 18 B 3 A 6 = ?

A. 146
B. 150
C. 144
D. 148

Answer: C

Sol: Given: 36 C 4 D 18 B 3 A 6 = ?

Given LettersABCD

New Sign - ÷ × +

Using **BODMAS** rule.

Operation preference wise	Symbol
Brackets	$[], , ()$
Orders, of	$(power), \sqrt{(root)}, of$
Division	$\div$
Multiplication	$\times$
Addition	$+$
Subtraction	$-$

New equation: $36 \times 4 + 18 \div 3 - 6 = ?$

$36 \times 4 + 6 - 6 = ?$

$144 + 6 - 6 = ?$

? = **144**

Thus, correct option is (c).

Q.8 What number completes the pattern: $4 \star 2 = 12$, $6 \star 3 = 27$, $8 \star 4 = ?$

A. 32
B. 36
C. 48
D. 64

Answer: C

Sol: Given: $4 \star 2 = 12$, $6 \star 3 = 27$

Logic: (1st number + 2nd number) $\times$ 2nd number = 3rd number

For, $4 \star 2 = 12$

$(4 + 2) \times 2 = 12$

For, $6 \star 3 = 27$

$(6 + 3) \times 3 = 27$

Similarly,

$8 \star 4 = ?$

$(8 + 4) \times 4 = \mathbf{48}$

Thus, correct option is (c).

Q.9 P is the sister of Q and Q is the father of R. What is P’s relation to R?

A. Aunt
B. Mother
C. Sister

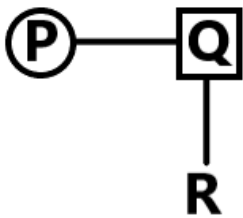
D. Cousin

Answer: A

Sol: Given: P is the sister of Q and Q is the father of R.

Symbol in Diagram	Meaning
- / O	Female
+ / □	Male
=	Married Couple
—	Siblings
	Difference Of Generation

From the given information blood relation diagram will be.



So, P is **aunt** of R.
Thus, correct option is (a).

Q.10 Complete the series: 3, 7, 15, 31, ?

- A. 47
- B. 63
- C. 61
- D. 59

Answer: B

Sol: Given: 3, 7, 15, 31, ?

Logic: Numbers are multiply by 2 and + 1.
 $3 \times 2 + 1 = 7$
 $7 \times 2 + 1 = 15$
 $15 \times 2 + 1 = 31$
 $31 \times 2 + 1 = 63$
So, the missing term is **63**.
Thus, correct option is (b).

Q.11 Identify the next term: D4, G7, J10, ____

- A. L12
- B. M13
- C. N14
- D. O15

Answer: B

Sol: Given: D4, G7, J10, ____

1	2	3	4	5	6	7	8	9	10	11	12	13
A	B	C	D	E	F	G	H	I	J	K	L	M
Z	Y	X	W	V	U	T	S	R	Q	P	O	N
26	25	24	23	22	21	20	19	18	17	16	15	14

Logic: Letters and numbers are increasing + 3 place.
 $D + 3 = G$, $G + 3 = J$, $J + 3 = M$
 $4 + 3 = 7$, $7 + 3 = 10$, $10 + 3 = 13$
So, the missing term is **M13**.
Thus, correct option is (b).

Q.12 Painter : Canvas :: Writer : ____

- A. Paper
- B. Pen
- C. Book
- D. Story

Answer: A

Sol: Given: Painter : Canvas :: Writer : ____
A **painter** works on a **canvas**.
Similarly,
Writer : ?
A **writer** works on **paper**.
Thus, correct option is (a).

Q.13 Identify the next number in the series: 4, 9, 15, 20, ____
A. 30
B. 26
C. 29
D. 25

Answer: B

Sol: Given: 4, 9, 15, 20, ____
Logic: Numbers are increasing + 5 and + 6 place alternately.
 $4 + 5 = 9$
 $9 + 6 = 15$
 $15 + 5 = 20$
 $20 + 6 = 26$
So, the missing term is **26**.
Thus, correct option is (b).

Q.14 If ‘#’ means ‘+’, ‘@’ means ‘×’, ‘\$’ means ‘-’ and ‘%’ means ‘÷’, then evaluate: $24 @ 5 \# 10 \$ 6 \% 2 = ?$
A. 130
B. 124
C. 127
D. 120

Answer: C

Sol: Given: $24 @ 5 \# 10 \$ 6 \% 2 = ?$

Given Symbol#@\$%

New Sign + × - ÷

Using **BODMAS** rule.

Operation preference wise	Symbol
Brackets	$[], , ()$
Orders, of	$(power), \sqrt{(root)}, of$
Division	$\div$
Multiplication	$\times$
Addition	$+$
Subtraction	$-$

New equation: $24 \times 5 + 10 - 6 \div 2 = ?$
 $24 \times 5 + 10 - 3 = ?$
 $120 + 10 - 3 = ?$
 $130 - 3 = ?$
 $? = \mathbf{127}$
Thus, correct option is (c).

Q.15 Which word does not belong to this set?

- A. January
- B. March
- C. July
- D. Sunday

Answer: D

Sol: **January, March** and **July** are all months.
Sunday is a day of the week, not a month.
So, **Sunday** is odd one out.
Thus, correct option is (d).

Q.16 If you accidentally damage a colleague’s property at work, what is the most appropriate action?

- A. Ignore it
- B. Blame someone else
- C. Inform them and apologize
- D. Replace it secretly

Answer: C

Sol: Given: If you accidentally damage a colleague’s property at work.
Explanation:
Being honest and taking responsibility by informing your colleague and apologizing is the most appropriate and professional action.
So, **Inform them and apologize** is the most appropriate action.
Thus, correct option is (c).

Q.17 Which number does not belong?

- A. 2
- B. 3
- C. 5
- D. 9

Answer: D

Sol: **2, 3** and **5** are prime numbers.
9 is a composite number.
So, **9** is odd one out.
Thus, correct option is (d).

Q.18 If ♥ = 10, ♦ = 5, and ♠ = 3, what is (♥ - ♦) × ♠ ?

- A. 10
- B. 12
- C. 15
- D. 18

Answer: C

Sol: Given:
♥ = 10, ♦ = 5, ♠ = 3
Expression: ((♥ - ♦) × ♠)
= ((10 - 5) × 3)
= 5 × 3
= **15**
Thus, correct option is (c).

Q.19 Barometer is to Pressure as Speedometer is to ___?

- A. Distance
- B. Speed
- C. Time
- D. Force

Answer: B

Sol: Given: Barometer is to Pressure as Speedometer is to ___?
A **barometer** measures **pressure**.
Similarly,
A **speedometer** measures **speed**.
Thus, correct option is (b).

Q.20 Doctor is to Hospital as Teacher is to:

- A. School
- B. Student
- C. Book
- D. Education

Answer: A

Sol: Given: Doctor is to Hospital as Teacher is to:
A **doctor** works in a **hospital**.
Similarly,
A **teacher** works in a **school**.
Thus, correct option is (a).

Q.21 Choose the word that does not belong to the group.

- A. Table
- B. Chair
- C. Bed
- D. Car

Answer: D

Sol: Table, Chair and **Bed** are all furniture items.
Car is a vehicle, not furniture.
So, **Car** is odd one out.
Thus, correct option is (d).

Q.22 If 12 is to 36, then 15 is to ___?

- A. 40
- B. 45
- C. 48
- D. 60

Answer: B

Sol: Given: If 12 is to 36, then 15 is to ___?
12 × 3 = 36
Similarly,
15 × 3 = 45
Thus, correct option is (b).

Q.23 You find a wallet on the road containing cash and ID. What should you do?

- A. Keep the cash
- B. Leave it there
- C. Hand it to the police
- D. Throw it away

Answer: C

Sol: Given: You find a wallet on the road containing cash and ID.

Explanation:

Handing the wallet to the police is the most honest and responsible action, as it gives the owner the best chance of getting it back safely.

So, **Hand it to the police** should you do.

Thus, correct option is (c).

Q.24 A manager must choose between two plans: Plan A: Guaranteed profit of 50 units Plan B: 50% chance of 120 units profit and 50% chance of 0 profit Assuming risk-neutral behavior, which plan should be chosen?

- A. Plan A
- B. Plan B
- C. Both are equal
- D. Cannot be decided

Answer: B

Sol: Given:

A manager must choose between two plans:

Plan A: Guaranteed profit of 50 units

Plan B: 50% chance of 120 units profit and 50% chance of 0 profit Assuming risk-neutral behavior.

Solution:

Let’s compare the expected profit of both plans.

Plan A:

Guaranteed profit = 50 units

Plan B:

50% chance of 120 units

50% chance of 0 units

Expected value of Plan B:

$(0.5 \times 120) + (0.5 \times 0) = 60$

Since $60 > 50$, a risk-neutral manager will choose the plan with the higher expected value.

So, **Plan B** should be chosen.

Thus, correct option is (b).

Q.25 Pen is to Ink as Printer is to ___?

- A. Paper
- B. Toner
- C. Electricity
- D. File

Answer: B

Sol: Given: Pen is to Ink as Printer is to ___?

A **pen** uses ink to **write**.

Similarly,

A **printer** uses **toner** (or ink) to print.

Thus, correct option is (b).

Q.26 Who presides over the Lok Sabha?

- A. President
- B. Speaker
- C. Prime Minister
- D. Vice President

Answer: B

Sol: The correct answer is **(B) Speaker**

Explanation:

- The Speaker is the presiding officer of the Lok Sabha (Lower House of Parliament).
- The Speaker is elected by the members of the Lok Sabha from among themselves.

Information Booster:

- The Speaker maintains order and decorum in the House and decides whether a bill is a Money Bill or not.

Additional Knowledge:

- President (Option A): The formal head of the executive branch.
- Prime Minister (Option C): The leader of the majority party in the Lok Sabha.
- Vice President (Option D): The ex-officio Chairman of the Rajya Sabha.

Q.27 Total supply of goods and services in an economy is called ____.

- A. Aggregate demand
- B. Aggregate supply
- C. Inflation
- D. Fiscal deficit

Answer: B

Sol: The correct answer is **(B) Aggregate supply**

Explanation:

- Aggregate supply is the total volume of goods and services that producers in an economy are willing and able to supply at a given overall price level in a given time period.
- It represents the productive capacity of the economy.

Information Booster:

- In the long run, aggregate supply is determined by factors of production like land, labor, and capital.

Additional Knowledge:

- Aggregate demand (Option A): The total demand for finished goods and services in an economy.
- Inflation (Option C): A general increase in prices and fall in the purchasing value of money.
- Fiscal deficit (Option D): The difference between the government's total expenditure and its total receipts (excluding borrowing).

Q.28 Which Article of the Indian Constitution abolishes untouchability?

- A. Article 17
- B. Article 19
- C. Article 21
- D. Article 32

Answer: A

Sol: The correct answer is **(A) Article 17**

Explanation:

- Article 17 of the Indian Constitution abolishes "Untouchability" and forbids its practice in any form.
- The enforcement of any disability arising out of untouchability is an offence punishable in accordance with law.

Information Booster:

- The Untouchability (Offences) Act, 1955, was later renamed as the Protection of Civil Rights Act, 1955.

Additional Knowledge:

- Article 19 (Option B): Guarantees the Protection of six rights regarding freedom (speech, assembly, etc.).
- Article 21 (Option C): Protection of life and personal liberty.
- Article 32 (Option D): Right to Constitutional Remedies (the "Heart and Soul" of the Constitution).

- Q.29** Which molecule carries genetic information from DNA to ribosomes?
- A. tRNA
 - B. rRNA
 - C. mRNA
 - D. DNA polymerase

Answer: C

Sol: The correct answer is **(C) mRNA**

- Explanation:**
- mRNA (messenger RNA) is a single-stranded molecule that carries genetic code from DNA in the nucleus to the ribosomes in the cytoplasm.
 - This process of copying genetic information from DNA to mRNA is called transcription.

- Information Booster:**
- The ribosome reads the mRNA sequence and translates it into a specific chain of amino acids to form a protein.

- Additional Knowledge:**
- tRNA (Option A): Transfers specific amino acids to the ribosome during protein synthesis.
 - rRNA (Option B): Forms the core of the ribosome's structure and catalyzes protein synthesis.
 - DNA polymerase (Option D): An enzyme responsible for synthesizing new DNA strands during replication.
-

- Q.30** Which Mughal emperor built the Red Fort in Delhi?
- A. Akbar
 - B. Shah Jahan
 - C. Aurangzeb
 - D. Humayun

Answer: B

Sol: The correct answer is **(B) Shah Jahan**

- Explanation:**
- The Red Fort (Lal Qila) was commissioned by Emperor Shah Jahan in 1638 when he decided to shift his capital from Agra to Delhi.
 - It is named for its massive enclosing walls of red sandstone.

- Information Booster:**
- The architect of the Red Fort was Ustad Ahmad Lahauri, who also designed the Taj Mahal.

- Additional Knowledge:**
- Akbar (Option A): Built Fatehpur Sikri and Agra Fort.
 - Aurangzeb (Option C): Built the Badshahi Mosque and the Bibi Ka Maqbara.
 - Humayun (Option D): His tomb in Delhi is a major architectural landmark, though he did not build the Red Fort.
-

- Q.31** Which medal is awarded for third position in the Olympic Games?
- A. Gold
 - B. Silver
 - C. Bronze
 - D. Platinum

Answer: C

Sol: The correct answer is **(C) Bronze**

- Explanation:**
- In the Olympic Games, the first, second, and third-place finishers are awarded Gold, Silver, and Bronze medals respectively.
 - The tradition of awarding medals began at the 1904 St. Louis Olympics.

- Information Booster:**
- Bronze is an alloy consisting primarily of copper, usually with about 12% tin.

Additional Knowledge:

- Gold (Option A): Awarded for 1st place.
- Silver (Option B): Awarded for 2nd place.
- Platinum (Option D): Not a standard Olympic medal category.

Q.32 Who wrote the famous literary work Gitanjali?

- A. Rabindranath Tagore
- B. Munshi Premchand
- C. Sarojini Naidu
- D. Bankim Chandra Chatterjee

Answer: A

Sol: The correct answer is **(A) Rabindranath Tagore**

Explanation:

- Gitanjali is a collection of poems by the Bengali poet Rabindranath Tagore.
- Tagore received the Nobel Prize in Literature in 1913, largely for this work.

Information Booster:

- Tagore was the first non-European to win a Nobel Prize in Literature.

Additional Knowledge:

- Munshi Premchand (Option B): Known as 'Upanyas Samrat', wrote Godan and Gaban.
- Sarojini Naidu (Option C): Known as the 'Nightingale of India'.
- Bankim Chandra Chatterjee (Option D): Famous for the patriotic song Vande Mataram.

Q.33 Which technology allows computers to understand human language?

- A. Natural Language Processing
- B. Blockchain
- C. Internet of Things
- D. Cloud Computing

Answer: A

Sol: The correct answer is **(A) Natural Language Processing**

Explanation:

- Natural Language Processing (NLP) is a branch of artificial intelligence that gives computers the ability to understand, interpret, and generate human language.
- It combines computational linguistics with statistical, machine learning, and deep learning models.

Information Booster:

- Virtual assistants like Alexa and Siri heavily rely on NLP technology.

Additional Knowledge:

- Blockchain (Option B): A distributed ledger technology most known for its role in cryptocurrency.
- Internet of Things (Option C): The network of physical objects embedded with sensors and software for data exchange.
- Cloud Computing (Option D): The on-demand delivery of computing services over the internet.

Q.34 Which city is known as the Pink City of India?

- A. Jaipur
- B. Jodhpur
- C. Udaipur
- D. Bikaner

Answer: A

Sol: The correct answer is **(A) Jaipur**

Explanation:

- Jaipur is known as the "Pink City" because of the dominant color scheme of its buildings.
- In 1876, Maharaja Sawai Ram Singh painted the whole city pink to welcome Prince Albert and Queen Victoria.

Information Booster:

- Jaipur is a UNESCO World Heritage site and is also famous for the Hawa Mahal.

Additional Knowledge:

- Jodhpur (Option B): Known as the Blue City or Sun City.
 - Udaipur (Option C): Known as the City of Lakes or the Venice of the East.
 - Bikaner (Option D): Known for its desert landscape and Bikaneri Bhujia.
-

Q.35 Who created the fictional detective Feluda?

- A. Rabindranath Tagore
- B. Satyajit Ray
- C. Bankim Chandra Chatterjee
- D. Sarat Chandra Chattopadhyay

Answer: B

Sol: The correct answer is **(B) Satyajit Ray**

Explanation:

- Feluda is a fictional private investigator created by the renowned filmmaker and writer Satyajit Ray.
- The character first appeared in the Bengali magazine Sandesh in 1965.

Information Booster:

- Feluda is accompanied by his cousin Topshe and the thriller writer Jatayu in most of the stories.

Additional Knowledge:

- Rabindranath Tagore (Option A): Author of Gitanjali and composer of India's national anthem.
 - Bankim Chandra Chatterjee (Option C): Author of Anandamath and Vande Mataram.
 - Sarat Chandra Chattopadhyay (Option D): Famous novelist known for Devdas and Pather Dabi.
-

Q.36 Movement of people into a country is called ____.

- A. Immigration
- B. Emigration
- C. Urbanization
- D. Migration

Answer: A

Sol: The correct answer is **(A) Immigration**

Explanation:

- Immigration refers to the act of coming to live permanently in a foreign country.
- It is the "inward" movement of people from one country to another.

Information Booster:

- The "push and pull" factors are major drivers of global migration patterns.

Additional Knowledge:

- Emigration (Option B): The act of leaving one's own country to settle permanently in another.
 - Urbanization (Option C): The process of making an area more urban (rural to city shift).
 - Migration (Option D): A general term for the movement of people from one place to another.
-

Q.37 Which mission promotes manufacturing in India?

- A. Digital India
- B. Skill India
- C. Make in India
- D. Startup India

Answer: C

Sol: The correct answer is **(C) Make in India**

Explanation:

- Make in India was launched in 2014 to encourage companies to manufacture their products in India.
- It aims to transform India into a global design and manufacturing hub.

Information Booster:

- The initiative covers 25 sectors of the economy, including automobiles, chemicals, and IT.

Additional Knowledge:

- Digital India (Option A): Aims to ensure government services are available to citizens electronically.
 - Skill India (Option B): Launched to empower the youth of the country with skill sets to make them more employable.
 - Startup India (Option D): Aims to foster entrepreneurship and promote innovation.
-

Q.38 Which classical dance form originated in Uttar Pradesh?

- A. Bharatanatyam
- B. Kathak
- C. Odissi
- D. Kuchipudi

Answer: B

Sol: The correct answer is **(B) Kathak**

Explanation:

- Kathak is the classical dance form of North India, particularly originating and flourishing in Uttar Pradesh.
- It is known for its intricate footwork and spins (chakkars).

Information Booster:

- The name Kathak is derived from the Sanskrit word 'Katha' which means story.

Additional Knowledge:

- Bharatanatyam (Option A): Originated in Tamil Nadu.
 - Odissi (Option C): Originated in Odisha.
 - Kuchipudi (Option D): Originated in Andhra Pradesh.
-

Q.39 Gandhara sculptures mainly used which type of stone?

- A. Granite
- B. Grey schist
- C. Marble
- D. Basalt

Answer: B

Sol: The correct answer is **(B) Grey schist**

Explanation:

- The Gandhara School of Art used grey schist and stucco for creating sculptures, primarily of the Buddha.
- This school flourished during the Kushana period and shows heavy Greek and Roman influence.

Information Booster:

- The Gandhara art is often called Greco-Buddhist art.

Additional Knowledge:

- Granite (Option A): Used extensively in the construction of temples in South India (e.g., Chola temples).
 - Marble (Option C): Used predominantly in Mughal architecture, especially during Shah Jahan's reign.
 - Basalt (Option D): Common in the rock-cut cave temples of the Deccan, such as Ajanta and Ellora.
-

Q.40 Mudra Yojana mainly provides loans to ____.

- A. Farmers
- B. Students
- C. Small entrepreneurs
- D. Government employees

Answer: C

Sol: The correct answer is **(C) Small entrepreneurs**

Explanation:

- Pradhan Mantri MUDRA Yojana (PMMY) provides loans up to ₹10 lakh to non-corporate, non-farm small/micro-enterprises.
- These loans are classified as Shishu, Kishore, and Tarun.

Information Booster:

- MUDRA stands for Micro Units Development & Refinance Agency Ltd.

Additional Knowledge:

- Farmers (Option A): Supported by Kisan Credit Cards and PM-KISAN.
 - Students (Option B): Assisted through various education loan interest subsidy schemes like CSIS.
 - Government employees (Option D): Usually have access to specific GPF advances and department-specific loan schemes.
-

Q.41 Headquarters of UNESCO is located in which city?

- A. Geneva
- B. Paris
- C. Vienna
- D. Rome

Answer: B

Sol: The correct answer is **(B) Paris**

Explanation:

- The United Nations Educational, Scientific and Cultural Organization (UNESCO) is headquartered in Paris, France.
- It aims to promote world peace and security through international cooperation in education, arts, sciences, and culture.

Information Booster:

- UNESCO was founded on 16 November 1945.

Additional Knowledge:

- Geneva (Option A): Headquarters of WHO, WTO, and ILO.
 - Vienna (Option C): Headquarters of IAEA and OPEC.
 - Rome (Option D): Headquarters of FAO.
-

Q.42 Which government scheme provides LPG connections to poor households?

- A. Ujjwala Yojana
- B. PM Awas Yojana
- C. PM Kisan Samman Nidhi
- D. Jan Dhan Yojana

Answer: A

Sol: The correct answer is **(A) Ujjwala Yojana**

Explanation:

- Pradhan Mantri Ujjwala Yojana (PMUY) was launched in 2016 to provide clean cooking fuel (LPG) to women in BPL (Below Poverty Line) households.
- Its goal is to safeguard the health of women and children by providing them with a clean cooking fuel.

Information Booster:

- The second phase of the scheme, Ujjwala 2.0, was launched in 2021 to provide additional 1 crore LPG connections.

Additional Knowledge:

- PM Awas Yojana (Option B): Aims to provide affordable housing for the urban and rural poor.
- PM Kisan (Option C): Provides income support of ₹6,000 per year to all landholding farmer families.
- Jan Dhan Yojana (Option D): A national mission for financial inclusion to ensure access to financial services.

Q.43 Which river is associated with the Narmada Bachao Andolan?

- A. Godavari
- B. Narmada
- C. Krishna
- D. Tapti

Answer: B

Sol: The correct answer is **(B) Narmada**

Explanation:

- Narmada Bachao Andolan (NBA) is a social movement against a number of large dams being built across the Narmada River.
- Key figures in this movement include Medha Patkar and Baba Amte.

Information Booster:

- The Sardar Sarovar Dam is the largest dam built on the Narmada River.

Additional Knowledge:

- Godavari (Option A): Known as the Dakshina Ganga.
- Krishna (Option B): One of the longest rivers in India, originating at Mahabaleshwar.
- Tapti (Option D): A west-flowing river that runs parallel to the Narmada.

Q.44 Which index measures poverty across multiple dimensions?

- A. Human Development Index
- B. Multidimensional Poverty Index
- C. Global Hunger Index
- D. Consumer Price Index

Answer: B

Sol: The correct answer is **(B) Multidimensional Poverty Index**

Explanation:

- The Multidimensional Poverty Index (MPI) measures acute poverty by considering health, education, and living standards.
- It identifies deprivations beyond just income levels.

Information Booster:

- It was developed in 2010 by the Oxford Poverty and Human Development Initiative (OPHI) and the UNDP.

Additional Knowledge:

- Human Development Index (Option A): A summary measure of average achievement in key dimensions of human development.
- Global Hunger Index (Option C): A tool that measures and tracks hunger globally, regionally, and by country.
- Consumer Price Index (Option D): A measure that examines the weighted average of prices of a basket of consumer goods and services.

Q.45 Which port is known as the “Gateway of India”?

- A. Chennai Port
- B. Mumbai Port
- C. Paradip Port
- D. Kochi Port

Answer: B

Sol: The correct answer is **(B) Mumbai Port**

Explanation:

- Mumbai Port has historically been the primary port of India, earning the title "Gateway of India" due to its strategic location on the western coast.
- It is one of the oldest and most important commercial ports in the country.

Information Booster:

- Jawaharlal Nehru Port (JNPT), also in Mumbai, is the largest container port in India.

Additional Knowledge:

- Chennai Port (Option A): One of the largest ports in the Bay of Bengal.
- Paradip Port (Option C): A major deep-sea port in Odisha.
- Kochi Port (Option D): A major port on the Arabian Sea–Indian Ocean sea route in Kerala.

Q.46 Which Indian state hosts the Muppandal Wind Farm, one of the largest wind farms in India?

- A. Gujarat
- B. Tamil Nadu
- C. Maharashtra
- D. Karnataka

Answer: B

Sol: The correct answer is **(B) Tamil Nadu**

Explanation:

- The Muppandal Wind Farm is located in the Kanyakumari district of Tamil Nadu.
- It is the largest operational onshore wind farm in India and one of the largest in the world.

Information Booster:

- India ranks 4th globally in terms of installed wind power capacity as of 2025-2026.

Additional Knowledge:

- Gujarat (Option A): Home to the Jaisalmer Wind Park (mostly in Rajasthan, but Gujarat has high capacity) and the Kutch renewable energy projects.
- Maharashtra (Option C): Significant wind energy production at sites like Vankusawade.
- Karnataka (Option D): Features large wind farms in the Tuppadahalli region.

Q.47 Which of the following is a scalar quantity?

- A. Velocity
- B. Acceleration
- C. Speed
- D. Force

Answer: C

Sol: The correct answer is **(C) Speed**

Explanation:

- A scalar quantity is a physical quantity that is described by its magnitude (size) only, with no direction.
- Speed measures how fast an object is moving but does not specify where it is going.

Information Booster:

- Vector quantities require both magnitude and direction to be fully defined.

Additional Knowledge:

- Velocity (Option A): A vector quantity defined as the rate of change of displacement.
- Acceleration (Option B): A vector quantity representing the rate of change of velocity.
- Force (Option D): A vector quantity defined as an interaction that changes the motion of an object.

Q.48 Which galaxy is closest to the Milky Way galaxy?

- A. Andromeda
- B. Triangulum
- C. Whirlpool
- D. Sombrero

Answer: A

Sol: The correct answer is **(A) Andromeda**

Explanation:

- The Andromeda Galaxy (M31) is a spiral galaxy approximately 2.5 million light-years from Earth.
- It is the largest galaxy of the Local Group, which also contains the Milky Way.

Information Booster:

- The Milky Way and Andromeda are expected to collide in about 4.5 billion years to form a giant elliptical galaxy.

Additional Knowledge:

- Triangulum (Option B): The third-largest member of the Local Group.
 - Whirlpool (Option C): A classic spiral galaxy in the constellation Canes Venatici.
 - Sombrero (Option D): A bright galaxy in the constellation Virgo known for its large central bulge.
-

Q.49 Which planet is known as the Evening Star?

- A. Venus
- B. Mars
- C. Jupiter
- D. Mercury

Answer: A

Sol: The correct answer is **(A) Venus**

Explanation:

- Venus is often referred to as the "Evening Star" or "Morning Star" because it is one of the brightest objects in the sky after the Sun and Moon.
- It appears shortly after sunset or shortly before sunrise.

Information Booster:

- Venus is also known as Earth's Twin due to its similar size and density.

Additional Knowledge:

- Mars (Option B): Known as the Red Planet.
 - Jupiter (Option C): The largest planet in our solar system.
 - Mercury (Option D): The smallest planet and closest to the Sun.
-

Q.50 Which cricket tournament is played between Indian states?

- A. Ranji Trophy
- B. IPL
- C. Asia Cup
- D. Champions Trophy

Answer: A

Sol: The correct answer is **(A) Ranji Trophy**

Explanation:

- The Ranji Trophy is the premier domestic first-class cricket championship in India.
- It is played between teams representing regional and state cricket associations.

Information Booster:

- The tournament is named after the first Indian cricketer who played international cricket, Ranjitsinhji.

Additional Knowledge:

- IPL (Option B): A professional T20 league based on city franchises.
- Asia Cup (Option C): An international cricket tournament between Asian countries.
- Champions Trophy (Option D): A major international ODI tournament organized by the ICC.

Q.51 The population of a town is 15,000. If it increases by 20% the first year and decreases by 10% the next year, what is the population after 2 years?

- A. 16,500
- B. 16,200
- C. 15,800
- D. 17,000

Answer: B

Sol: Given:

Initial Population (P) = 15,000

Increase (R1) = 20%

Decrease (R2) = 10%

Formula Used:

Final Population = $P \times \left(1 + \frac{R1}{100}\right) \times \left(1 - \frac{R2}{100}\right)$

Solution:

Final Population = $15000 \times 1.20 \times 0.90$

Final Population = $15000 \times 1.08 = \mathbf{16,200}$

So the correct answer is (b)

Q.52 If the volume of a rectangular parallelepiped is 450 cm³ and its base area is 50 cm², what is its height?

- A. 7 cm
- B. 8 cm
- C. 9 cm
- D. 10 cm

Answer: C

Sol: Given:

Volume = 450 cm³

Base Area = 50 cm²

Formula Used:

Volume = Base Area × Height

Solution:

Height = $\frac{Volume}{BaseArea} = \frac{450}{50} = \mathbf{9\text{ cm}}$

So the correct answer is (c)

Q.53 How many natural numbers are there between 14² and 15²?

- A. 27
- B. 30
- C. 29
- D. 28

Answer: D

Sol: Given:
Numbers: 14^2 and 15^2
Formula Used:
Number of natural numbers between n^2 and $(n + 1)^2$ is 2n.
Solution:
Here, n = 14.
Number of natural numbers = $2 \times 14 = 28$
Alternatively, $15^2 - 14^2 - 1 = 225 - 196 - 1 = 28$
So the correct answer is (d)

Q.54 From a point P, a tangent is drawn to a circle with center O. The radius is 8 cm, and the distance from O to P is 17 cm. What is the length of the tangent?

A. 12 cm
B. 15 cm
C. 18 cm
D. 20 cm

Answer: B

Sol: Given:
Radius (r) = 8 cm
Distance OP (d) = 17 cm
Formula Used:
Tangent length (t) = $\sqrt{d^2 - r^2}$
Solution:
 $t = \sqrt{17^2 - 8^2} = \sqrt{289 - 64} = \sqrt{225} = \mathbf{15cm}$
So the correct answer is (b).

Q.55 The average weight of 4 students is 50 kg. If one more student weighing 60 kg joins, what is the new average weight?

A. 51 kg
B. 53 kg
C. 52 kg
D. 54 kg

Answer: C

Sol: Given:
Average weight of 4 students = 50 kg.
Weight of new student = 60 kg.
Formula Used:
New Average = $\frac{\text{Old Sum} + \text{New Value}}{\text{New Count}}$
Solution:
Sum of weights of 4 students = $4 \times 50 = 200$ kg.
New sum = $200 + 60 = 260$ kg.
New count = $4 + 1 = 5$.
New average = $260 / 5 = 52$ kg.
So the correct answer is (c)

Q.56 A sum fetches ₹3,600 as interest in 4 years at 6% per annum. What is the principal?

A. ₹12,000
B. ₹14,000
C. ₹15,000
D. ₹16,000

Answer: C

Sol: Given:
Simple Interest (SI) = ₹3,600
Time (T) = 4 years

Rate (R) = 6%

Formula Used:

Principal (P) = $\frac{SI \times 100}{R \times T}$

Solution:

P = $\frac{3600 \times 100}{6 \times 4} = \frac{360000}{24} = 15000$

So the correct answer is (c).

Q.57 A submarine was navigating at a depth of -45 meters below sea level. It then ascended 20 meters towards the surface. What is its new position relative to sea level?

- A. - 25 meters
- B. - 65 meters
- C. + 25 meters
- D. - 20 meters

Answer: A

Sol: Given:

Initial depth = -45 meters

Ascent = +20 meters

Formula Used:

New Position = Initial Position + Change in Position

Solution:

New Position = -45 + 20 = **-25 meters.**

Final Answer:

So the correct answer is (a)

Q.58 In a town, there are 3,800 females for every 4,000 males. What is the sex ratio in this town (number of females per 1000 males)?

- A. 920
- B. 940
- C. 950
- D. 960

Answer: C

Sol: Given:

Females = 3800

Males = 4000

Formula Used:

Sex Ratio = $\frac{\text{Number of Females}}{\text{Number of Males}} \times 1000$

Solution:

Ratio = $\frac{3800}{4000} \times 1000 = 3800 / 4 = \mathbf{950}$

So the correct answer is (c).

Q.59 A triangle has sides 5 cm, 12 cm, and 13 cm. What type of triangle is this?

- A. Acute
- B. Obtuse
- C. Right-angled
- D. Equilateral

Answer: C

Sol: Given:

Sides: a = 5, b = 12, c = 13.

Formula Used:

Pythagorean theorem converse: If $a^2 + b^2 = c^2$, the triangle is right-angled.

Solution:

$5^2 + 12^2 = 25 + 144 = 169$
Since $25 + 144 = 169$, **it is a right-angled triangle.**
So the correct answer is (c).

- Q.60** A cone and a cylinder have the same radius and height. The ratio of their volumes is:
- A. 1:2
 - B. 1:3
 - C. 2:3
 - D. 3:4

Answer: B

Sol: Given:
Radius of cone = Radius of cylinder = r.
Height of cone = Height of cylinder = h.
Formula Used:
Volume of Cone = $\frac{1}{3}\pi r^2 h$
Volume of Cylinder = $\pi r^2 h$
Solution:
[Image showing a cone inscribed inside a cylinder with the same base and height]
Ratio = $\frac{\frac{1}{3}\pi r^2 h}{\pi r^2 h} = \frac{1}{3}$ or 1 : 3
So the correct answer is (b)

- Q.61** In a bag of candies, 45% are red and 30% are blue. What percentage are green?
- A. 20%
 - B. 25%
 - C. 30%
 - D. 35%

Answer: B

Sol: Given:
Red = 45%
Blue = 30%
Assuming the rest are green.
Formula Used:
Total percentage = 100%
Solution:
Green % = 100% - (Red % + Blue %)
Green % = 100% - (45% + 30%) = 100% - 75% = **25%.**
Final Answer:
So the correct answer is (b)

- Q.62** A shop offers two successive discounts on a product: the first is 15%, and the second is 10%. What is the single equivalent discount percentage?
- A. 23.5%
 - B. 24.0%
 - C. 24.5%
 - D. 25.0%

Answer: A

Sol: Given:
D1 = 15%
D2 = 10%
Formula Used:
Equivalent Discount = $D1 + D2 - \frac{D1 \times D2}{100}$
Solution:

Equivalent Discount = $15 + 10 - \frac{15 \times 10}{100}$
= 25 - 1.5 = 23.5%.
So the correct answer is (a)

- Q.63** A merchant buys 50 mugs for ₹2,000. He sells 30 of them at ₹50 each and the remaining at ₹35 each. What is his profit or loss percentage?
- A. 8%
 - B. 10%
 - C. 12%
 - D. 15%

Answer: B

Sol: Given:
Total Cost Price (CP) = ₹2,000 for 50 mugs.
Selling Price (SP) of 30 mugs = $30 \times 50 = ₹1,500$
Selling Price (SP) of remaining 20 mugs = $20 \times 35 = ₹700$
Formula Used:
Total SP = SP1 + SP2
Profit = Total SP - Total CP
Profit % = $(\text{Profit} / \text{CP}) \times 100$
Solution:
Total SP = $1500 + 700 = ₹2,200$.
Profit = $2200 - 2000 = ₹200$.
Profit % = $\frac{200}{2000} \times 100 = \mathbf{10\%}$
So the correct answer is (b)

- Q.64** A bus takes 8 hours to cover a distance of 400 km. If its speed is increased by 30 km/h, how much time will it take?
- A. 4 hours
 - B. 5 hours
 - C. 6 hours
 - D. 7 hours

Answer: B

Sol: Given:
Initial Time (T1) = 8 hours
Distance (D) = 400 km
Speed increase = 30 km/h
Formula Used:
 $Speed = \frac{\text{Distance}}{\text{Time}}$
 $Time = \frac{\text{Distance}}{\text{Speed}}$
Solution:
Initial Speed (S1) = $400 / 8 = 50 \text{ km/h}$
New Speed (S2) = $50 + 30 = 80 \text{ km/h}$
New Time (T2) = $400 / 80 = \mathbf{5 \text{ hours}}$
So the correct answer is (b).

- Q.65** The average of a set of 10 numbers is 45. If one number, 60, is replaced by 40, what is the new average?
- A. 41
 - B. 42
 - C. 43
 - D. 44

Answer: C

Sol: Given:
Count (n) = 10
Old Average = 45
Replaced value = 60, New value = 40

Formula Used:
$$\text{New Average} = \text{Old Average} + \frac{\text{New Value} - \text{Old Value}}{n}$$

Solution:
Change in sum = 40 - 60 = -20.
Change in average = -20 / 10 = -2.
New Average = 45 - 2 = **43**

Final Answer:
So the correct answer is (c).

Q.66 A recipe needs 4 cups of sugar to make 18 cookies. How many cups of sugar are needed to make 27 cookies in the same proportion?

- A. 5 cups
- B. 6 cups
- C. 7 cups
- D. 8 cups

Answer: B

Sol: Given:
4 cups sugar → 18 cookies.
x cups sugar → 27 cookies.

Formula Used:
Direct Proportion: $\frac{x_1}{y_1} = \frac{x_2}{y_2}$

Solution:
$$\frac{4}{18} = \frac{x}{27}$$
$$x = \frac{4 \times 27}{18} = \frac{108}{18}$$

x = 6 cups

So the correct answer is (b).

Q.67 What is 137/11 as a mixed number?

- A. $12\frac{5}{11}$
- B. $11\frac{5}{11}$
- C. $12\frac{11}{7}$
- D. $11\frac{11}{11}$

Answer: A

Sol: Given:
Fraction: 137/11
Formula Used:
$$\text{Dividend} = \text{Quotient} \times \text{Divisor} + \text{Remainder}$$

Solution:
Divide 137 by 11.
 $137 = 11 \times 12 + 5$
Quotient = 12, Remainder = 5.
Mixed number = $12\frac{5}{11}$
So the correct answer is (a)

Q.68 A bakery uses 24.6 kilograms of flour each day. On Monday, it used only 1/2 of the daily amount. On Tuesday, it used 20% more than it did on Monday. How much flour was used in total over the two days?

- A. 27.06 kilograms

- B. 28.50 kilograms
- C. 26.04 kilograms
- D. 25.50 kilograms

Answer: A

Sol: Given:

Standard daily amount = 24.6 kg
Monday usage = 1/2 of daily amount
Tuesday usage = 120% of Monday usage

Solution:

Monday usage = $24.6 / 2 = 12.3$ kg
Tuesday usage = $12.3 \times 1.20 = 14.76$ kg
Total usage = $12.3 + 14.76 = \mathbf{27.06\text{ kg}}$
So the correct answer is (a)

Q.69 Which number set includes all rational and irrational numbers?

- A. Natural numbers
- B. Whole numbers
- C. Real numbers
- D. Complex numbers

Answer: C

Sol: Given:

Sets of numbers: Rational and Irrational.

Formula Used:

Real numbers = Rational numbers $\cup$ Irrational numbers.

Solution:

The set that contains both rational and irrational numbers is the set of Real numbers.
So the correct answer is (c)

Q.70 A train travels 240 km in 4 hours. What is its speed?

- A. 55 km/h
- B. 60 km/h
- C. 65 km/h
- D. 70 km/h

Answer: B

Sol: Given:

Distance = 240 km
Time = 4 hours

Formula Used:

Speed = Distance / Time

Solution:

Speed = $240 / 4 = \mathbf{60\text{ km/h}}$
So the correct answer is (b)

Q.71 A dealer allows a 20% discount on the marked price and still makes a profit of 12%. If the cost price of the article is ₹1,500, what is the marked price?

- A. ₹1,900
- B. ₹2,000
- C. ₹2,100
- D. ₹2,200

Answer: C

Sol: Given:

Discount (D) = 20%
Profit (P) = 12%
Cost Price (CP) = ₹1,500

Formula Used:

$$\frac{MP}{CP} = \frac{100 + P\%}{100 - D\%}$$

Solution:

$$\frac{MP}{1500} = \frac{100 + 12}{100 - 20} = \frac{112}{80}$$

$$MP = 1500 \times \frac{112}{80} = 1500 \times 1.4 = ₹2,100$$

So the correct answer is (c)

Q.72 What is the selling price if the cost price is ₹600 and the profit is 15%?

- A. ₹675
- B. ₹690
- C. ₹700
- D. ₹715

Answer: B

Sol: Given:

Cost Price (CP) = ₹600
Profit % = 15%

Formula Used:

$$\text{Selling Price (SP)} = CP \times \left(1 + \frac{\text{Profit \%}}{100}\right)$$

Solution:

$$SP = 600 \times (1 + 0.15) = 600 \times 1.15 = \mathbf{690}.$$

Final Answer:

So the correct answer is (b)

Q.73 P and Q complete a work in 16 days. Q alone takes 24 days. In how many days will P alone complete the work?

- A. 48 days
- B. 50 days
- C. 42 days
- D. 54 days

Answer: A

Sol: Given:

Time taken by (P + Q) = 16 days.
Time taken by Q = 24 days.

Formula Used:

$$\frac{1}{P} = \frac{1}{P + Q} - \frac{1}{Q}$$

Solution:

$$\frac{1}{P} = \frac{1}{16} - \frac{1}{24} = \frac{3 - 2}{48} = \frac{1}{48}$$

P alone will take **48** days.

Final Answer:

So the correct answer is (a)

Q.74 A solid cylinder is melted and recast into smaller cylinders of the same height but one-third the radius. How many smaller cylinders can be made?

- A. 3
- B. 6
- C. 9
- D. 12

Answer: C

Sol: Given:

Original cylinder: radius R, height H.
Smaller cylinder: radius r = R/3, height h = H.

Formula Used:

Volume = $\pi R^2 H$
Number of cylinders = $\frac{\text{Volume of large cylinder}}{\text{Volume of small cylinder}}$

Solution:

Volume of large cylinder = $\pi R^2 H$
Volume of small cylinder = $\pi \left(\frac{R}{3}\right)^2 H = \pi \frac{R^2}{9} H$
Number = $\frac{\pi R^2 H}{\pi (R^2/9) H} = 9$

Final Answer:

So the correct answer is (c).

Q.75 X and Y can complete a work in 10 days. Y alone can do it in 15 days. In how many days will X alone complete the work?

- A. 25 days
- B. 30 days
- C. 35 days
- D. 40 days

Answer: B

Sol: Given:

Time taken by (X + Y) = 10 days.
Time taken by Y = 15 days.

Formula Used:

$\frac{1}{X} = \frac{1}{X + Y} - \frac{1}{Y}$

Solution:

$\frac{1}{X} = \frac{1}{10} - \frac{1}{15} = \frac{3 - 2}{30} = \frac{1}{30}$
X alone will take **30** days.
So the correct answer is (b)

Q.76 Fill in the blank with most appropriate option:

He was __ nervous to walk up on stage and perform.

- A. somewhat
- B. fairly
- C. too
- D. quite

Answer: C

Sol: ExplanationThe correct option to fill in the blank is (c) too. The sentence follows the grammatical structure '**too + adjective + to-infinitive**', which indicates a higher degree than is desirable or possible for a particular action. (वह मंच पर जाकर प्रदर्शन करने के लिए बहुत अधिक घबराया हुआ था।)

Grammatical Rule Used

The adverb 'too' is used before adjectives or adverbs to mean 'more than is necessary or good'. It is frequently paired with 'to' + verb (infinitive) to express a negative consequence or a limit.

Example: The tea is **too** hot **to** drink.

Why other options are incorrect

- somewhat:** Means to a moderate extent or degree. It does not typically pair with the 'to + verb' structure in this specific idiomatic way. (कुछ हद तक)

- **fairly:** Used to mean moderately or to a certain degree, usually with positive adjectives; it doesn't fit the 'too...to' resultative construction. (निष्पक्ष रूप से/काफी)
- **quite:** Means to a certain or significant extent, but it cannot be used in the 'quite + adjective + to-verb' pattern to show inability or excessive degree. (काफी/पूर्णतः)

Information Booster

'Too...to' conveys a negative sense (excessive), whereas 'Enough' conveys a positive sense and follows the adjective (e.g., 'brave enough to').

So the correct answer is (c)

Q.77 Identify the antonym of "Denounce":

- A. Approve
- B. Criticise
- C. Rebuke
- D. Condemn

Answer: A

Sol: ExplanationThe correct antonym of the given word is (a) Approve.

Denounce: To publicly declare to be wrong or evil; to inform against someone or criticize someone/something harshly. (निंदा करना/दोषी ठहराना)

Example: The government was quick to denounce the terrorist attack.

Approve: To officially agree to or accept as satisfactory; to have a positive opinion of someone or something. (मंजूरी देना/सराहना करना)

Example: The committee is likely to approve the new budget proposal.

Synonyms: Condemn, Criticize, Attack, Vilify.

Antonyms: Approve, Praise, Commend, Support.

Meanings of all the other given options

- **Criticise:** To indicate the faults of someone or something in a disapproving way. (आलोचना करना)
- **Rebuke:** To express sharp disapproval or criticism of someone because of their actions. (फटकारना)
- **Condemn:** To express complete disapproval of; typically in public. (निंदा करना)

So the correct answer is (a)

Q.78 Identify the synonym of 'Zenith':

- A. Peak
- B. Descent
- C. Bottom
- D. Valley

Answer: A

Sol: ExplanationThe correct synonym of the given word is (a) Peak.

Zenith: The time at which something is most powerful or successful; the highest point reached by an object. (शीर्षबिंदु/चोटी)

Example: At the zenith of his career, he was the most famous actor in the world.

Peak: The pointed top of a mountain or the highest, strongest, or best point/level of something. (शिखर/चोटी)

Example: Traffic reaches its peak between 8 and 9 in the morning.

Synonyms: Acme, Summit, Apex, Pinnacle.

Antonyms: Nadir, Bottom, Base, Depth.

Meanings of all the other given options

- **Descent:** An action of moving downwards, dropping, or falling. (ढलान/अवरोहण)
- **Bottom:** The lowest point or part of something. (तल/नीचे का हिस्सा)
- **Valley:** A low area of land between hills or mountains. (घाटी)

So the correct answer is (a)

Q.79 Identify the synonym of 'Xenial'

- A. Hospitable
- B. Hostile
- C. Indifferent
- D. Reclusive

Answer: A

Sol: ExplanationThe correct synonym of the given word is (a) Hospitable.

Xenial: Relating to the relations between a host and guest, especially the custom of offering hospitality to strangers. (अतिथि-सत्कार संबंधी)

Example: The villagers were known for their xenial nature toward travelers.

Hospitable: Friendly and welcoming to visitors or guests. (सत्कारशील/मेहमाननवाज़)

Example: The local people are very hospitable and kind to tourists.

Synonyms: Welcoming, Friendly, Amiable, Cordial.

Antonyms: Hostile, Inhospitable, Unfriendly, Receptive.

Meanings of all the other given options

- **Hostile:** Unfriendly; antagonistic or showing strong opposition. (शत्रुतापूर्ण)
- **Indifferent:** Having no particular interest or sympathy; unconcerned. (उदासीन)
- **Reclusive:** Avoiding the company of other people; solitary. (वैरागी/एकांतवासी)

So the correct answer is (a)

- Q.80** Find the part of the sentence that contains an error:
They set up their camp (1) / besides the river (2) / and spent (3) / the entire night there (4).
- A. They set up their camp (1)
 - B. besides the river (2)
 - C. and spent (3)
 - D. the entire night there. (4)

Answer: B

Sol: ExplanationOption (b) contains an error. The word 'besides' is used incorrectly in this context. 'Besides' means 'in addition to' or 'apart from', whereas 'beside' means 'at the side of' or 'next to'. Since the sentence refers to the location of the camp relative to the river, 'beside' should be used.

Grammatical Rule Used

Confusing prepositions: **Beside** vs **Besides**. Use 'Beside' for physical proximity (next to). Use 'Besides' to mean 'in addition to'.

Example: He sat **beside** me in the class. (Next to me)
Besides milk, we need bread. (In addition to milk)

Information Booster

Always check the context for physical position vs. additional information when choosing between 'beside' and 'besides'.

So the correct answer is (b)

-
- Q.81** Find the part of the sentence that contains an error:
The furniture (1) / in that old room are (2) / quite worn out (3) / and dusty (4).
- A. The furniture (1)
 - B. in that old room are (2)
 - C. quite worn out (3)
 - D. and dusty. (4)

Answer: B

Sol: ExplanationOption (b) contains an error. The noun 'furniture' is an **uncountable noun**. In English grammar, uncountable nouns are always treated as singular and take a singular verb. Therefore, 'are' should be replaced with 'is'.

Grammatical Rule Used

Subject-Verb Agreement: Uncountable nouns (like furniture, advice, information, luggage, equipment) always take a singular verb.

Example: The information **is** correct (Not: are correct).

Information Booster

To make 'furniture' plural in sense, we use phrases like 'items of furniture' or 'pieces of furniture'.

So the correct answer is (b)

Q.82 Identify the antonym of "Taciturn":

- A. Garrulous
- B. Reticent
- C. Introverted
- D. Withdrawn

Answer: A

Sol: ExplanationThe correct antonym of the given word is (a) Garrulous.

Taciturn: (of a person) reserved or uncommunicative in speech; saying little. (अल्पभाषी/मौन रहने वाला)

Example: He was a taciturn man who rarely shared his feelings with others.

Garrulous: Excessively talkative, especially on trivial matters. (बातूनी/मुखर)

Example: The garrulous neighbor kept us at the gate for an hour talking about the weather.

Synonyms: Reserved, Reticent, Silent, Quiet.

Antonyms: Garrulous, Loquacious, Talkative, Outgoing.

Meanings of all the other given options

- **Reticent:** Not revealing one's thoughts or feelings readily. (कम बोलने वाला)
- **Introverted:** A person who is shy or reticent. (अंतर्मुखी)
- **Withdrawn:** Not wanting to communicate with other people. (अलग-थलग/अंतर्मुखी)

So the correct answer is (a)

Q.83 Pick the correctly spelled word:

- A. Occurence
- B. Occurance
- C. Occurrence
- D. Occurrance

Answer: C

Sol: ExplanationOption (c) is the correctly spelt word.

Correct spelling is: "**Occurrence**" which means an incident or event; the fact or frequency of something happening. (घटना/उपस्थिति)

Example: The occurrence of such natural disasters has increased in recent years.

Analysis of parts of speech

The word 'Occurrence' is a **Noun**. It is derived from the verb 'occur'. When 'occur' (ending in a consonant-vowel-consonant with stress on the last syllable) takes a suffix starting with a vowel, the final consonant 'r' is doubled.

Meanings of all the given options

- **Occurence:** Incorrect spelling.

- **Occurance:** Incorrect spelling.
- **Occurrence:** Correct spelling (An event or incident).
- **Occurance:** Incorrect spelling.

So the correct answer is (c)

Q.84 Choose the correct one-word substitution for:
"A written law formally enacted by a legislative body."

A. Ordinance
B. Statute
C. Manifesto
D. Decree

Answer: B

Sol: ExplanationThe correct one-word for the given group of words is (b) Statute.

Statute: A formal written enactment of a legislative authority that governs a state, city, or country. (विधान/कानून)

Example: The protection of these animals is guaranteed by federal statute.

Meanings of the given other options

- **Ordinance:** An authoritative order or a decree; often a local law or regulation. (अध्यादेश)
- **Manifesto:** A public declaration of policy and aims, especially one issued before an election by a political party. (घोषणापत्र)
- **Decree:** An official order that has the force of law, often issued by a legal authority or head of state. (हुक्मनामा/डिक्री)

So the correct answer is (b)

Q.85 Arrange the passage correctly:
(1) He placed the vegetables in the pan and stirred gently.
(2) He washed and chopped the vegetables carefully.
(3) He served the dish on a plate and sat down to eat.
(4) He lit the stove and added a little oil to the pan.

A. 2 - 1 - 4 - 3
B. 2 - 4 - 1 - 3
C. 4 - 2 - 1 - 3
D. 1 - 2 - 3 - 4

Answer: B

Sol: Explanation
Option (b) is the correct order of the given sentences.

Grammatical Logic

The sequence follows a chronological order of events in a cooking process. We use the **Past Simple tense** throughout to describe completed actions in a sequence. Typically, preparation precedes cooking, and cooking precedes serving.

So the correct answer is (b)

- **Sentence (2)** is the logical starting point as it describes the initial preparation (washing and chopping).
- **Sentence (4)** follows, describing the next step of lighting the stove and heating the pan.
- **Sentence (1)** describes the actual cooking process (placing vegetables in the pan and stirring).

- **Sentence (3)** is the concluding action where the dish is served and eaten.

Q.86 Choose the correct one-word substitution for:
"A person who studies the origin and historical development of words."

- A. Etymologist
- B. Anthropologist
- C. Philatelist
- D. Lexicographer

Answer: A

Sol: ExplanationThe correct one-word for the given group of words is (a) Etymologist.

Etymologist: A person who studies the history of words, their origins, and how their form and meaning have changed over time. (शब्द-व्युत्पत्तिशास्त्री)

Example: As an etymologist, she spent years tracing the roots of common English idioms.

Meanings of the given other options

- **Anthropologist:** A person who studies human societies and cultures and their development. (मानवविज्ञानी)
- **Philatelist:** A person who collects or studies stamps. (डाक टिकट संग्राहक)
- **Lexicographer:** A person who compiles or writes dictionaries. (कोशकार)

So the correct answer is (a)

Q.87 Fill in the blank with most appropriate option:
This road is __ than the one we took on our last trip.

- A. narrow
- B. narrower
- C. narrowest
- D. more narrow

Answer: B

Sol: ExplanationThe correct option to fill in the blank is (b) narrower. The sentence uses the word 'than', which indicates a comparison between two things (this road and the previous road). Therefore, the **comparative degree** of the adjective 'narrow' must be used.

Grammatical Rule Used

When comparing two things, we use the comparative degree. For most one or two-syllable adjectives ending in 'w' or 'y', we add the suffix '-er'.

Example: My house is **bigger** than yours.

Why other options are incorrect

- **narrow:** This is the positive degree, used when no comparison is made. (संकीर्ण)
- **narrowest:** This is the superlative degree, used to compare more than two things. (सबसे संकीर्ण)
- **more narrow:** While sometimes used, 'narrower' is the standard and preferred comparative form for this adjective.

Information Booster

Always look for the keyword 'than' to identify the need for a comparative degree adjective.

So the correct answer is (b)

Q.88 Fill in the blank with most appropriate option:
She delivered her speech __ clearly, earning applause from the audience.

A. much
B. vary
C. more
D. quite

Answer: D

Sol: ExplanationThe correct option to fill in the blank is (d) quite. In this context, 'quite' is used as an **adverb of degree** to emphasize that she delivered her speech very clearly. (उसने अपना भाषण काफी स्पष्ट रूप से दिया।)

Grammatical Rule Used

'Quite' is an adverb of degree that means 'to a certain extent' or 'very'. It can modify adjectives or other adverbs (like 'clearly').

Example: The task was **quite** difficult but manageable.

Why other options are incorrect

- **much:** Typically used with comparative adjectives or in negative/interrogative sentences (e.g., 'much better'). It doesn't fit naturally before 'clearly' in this positive sentence. (बहुत)
- **vary:** This is a verb, not an adverb, and thus grammatically incorrect here. (बदलना/भिन्न होना)
- **more:** Used for comparison; since there is no 'than' or second entity being compared, it is incorrect. (अधिक)

Information Booster

Note the difference between 'Quite' (completely/fairly) and 'Quiet' (silent).

So the correct answer is (d)

Q.89 Which word is spelled correctly?

A. Conscientious
B. Consientious
C. Consciencious
D. Conscientous

Answer: A

Sol: ExplanationOption (a) is the correctly spelt word.

Correct spelling is: "**Conscientious**" which means wishing to do what is right, especially to do one's work or duty well and thoroughly. (ईमानदार/कर्तव्यनिष्ठ)

Example: A conscientious teacher always prepares her lessons well in advance.

Analysis of parts of speech

The word 'Conscientious' is an **Adjective**. It is derived from the noun 'conscience' (the moral sense of right and wrong). It ends with the suffix '-tious'.

Meanings of all the given options

- **Conscientious:** Correct spelling (Governed by conscience).
- **Consientious:** Incorrect spelling (Missing 'c').
- **Consciencious:** Incorrect spelling (Wrong suffix 'c').
- **Conscientous:** Incorrect spelling (Missing 'i').

So the correct answer is (a)

-
- Q.90** Arrange the passage correctly:
- (1) She selected her preferred size and added the item to her cart.
 - (2) She visited the website and browsed through the clothing section.
 - (3) A confirmation message appeared on the screen once the order was placed.
 - (4) She entered her payment details and clicked the 'Order Now' button.
- A. 2-1-4-3
B. 1-2-4-3
C. 2-4-1-3
D. 1-4-2-3

Answer: A

Sol: ExplanationOption (a) is the correct order of the given sentences.

- **Sentence (2)** sets the context by describing the first step of visiting the website and browsing.
- **Sentence (1)** follows as the next logical step—choosing a specific item and adding it to the cart.
- **Sentence (4)** describes the checkout process (entering details and ordering).
- **Sentence (3)** is the final outcome, receiving a confirmation.

Grammatical Logic

The paragraph describes a process (Online Shopping). The sentences are linked chronologically. **Pronoun reference:** 'The item' in sentence (1) refers to something found while 'browsing' in sentence (2). Similarly, sentence (3) mentions 'once the order was placed', which happens in sentence (4).

So the correct answer is (a)

-
- Q.91** Arrange the passage correctly:
- (1) The machine dispensed the cash, and she collected it carefully.
 - (2) She inserted her debit card into the ATM slot.
 - (3) She selected the withdrawal option and entered the desired amount.
 - (4) She entered her PIN number on the keypad.
- A. 2-4-3-1
B. 4-2-1-3
C. 2-1-4-3
D. 1-2-4-3

Answer: A

Sol: ExplanationOption (a) is the correct order of the given sentences.

- **Sentence (2)** is the starting action (inserting the card).
- **Sentence (4)** naturally follows, as the ATM requires a PIN immediately after card insertion.
- **Sentence (3)** describes the next interaction—selecting the transaction type and amount.
- **Sentence (1)** is the final step where the transaction is completed and cash is received.

Grammatical Logic

The sequence follows the standard operating procedure of an ATM. Grammatically, we use the **Past Simple** to narrate a series of finished events. The cohesion is maintained by the logical flow of a user's journey at a machine.

So the correct answer is (a)

- Q.92** Arrange the sentences correctly:
- (1) She grabbed her bag and rushed out of the house.
 - (2) She prepared a quick breakfast in the kitchen.
 - (3) She woke up to the sound of her alarm.
 - (4) She reached the office just in time.
- A. 3-1-2-4
 - B. 2-3-1-4
 - C. 1-2-3-4
 - D. 3-2-1-4

Answer: D

Sol: ExplanationOption (d) is the correct order of the given sentences.

- **Sentence (3)** is the opening sentence, marking the beginning of the day (waking up).
- **Sentence (2)** is the subsequent activity (preparing breakfast).
- **Sentence (1)** follows, showing the transition from home to outside (leaving the house).
- **Sentence (4)** is the conclusion, showing the arrival at the destination (office).

Grammatical Logic

The order is strictly chronological. **Coherence** is established through a logical morning routine. We use the **Past Simple** for consecutive actions in a story.

So the correct answer is (d)

- Q.93** Fill in the blank with most appropriate option:
- No sooner had she opened the door __ the phone rang.
- A. than
 - B. when
 - C. then
 - D. as

Answer: A

Sol: ExplanationThe correct option to fill in the blank is (a) than. In English grammar, the correlative conjunction '**No sooner**' is always paired with '**than**' to indicate that one thing happens immediately after another.

Grammatical Rule Used

The structure is: **No sooner + auxiliary verb + subject + verb... + than + subject + verb**. '**No sooner**' takes the comparative form '**than**'.

Example: No sooner had I reached the station than the train left.

Information Booster

Similarly, 'Scarcely' and 'Hardly' are always followed by 'when'. (e.g., Hardly had she reached when it started raining.)

So the correct answer is (a)

- Q.94 Arrange the passage correctly:
- (1) The sapling grew into a beautiful tree over the years.

(2) She dug a small hole in the ground.

(3) She watered it every day with great care.

(4) She placed the sapling gently into the hole.
- A. 2-4-3-1

B. 1-2-3-4

C. 4-2-1-3

D. 2-3-4-1

Answer: A

Sol:

The correct answer is **A. 2-4-3-1**.

Explanation

The sequence describes the logical and chronological process of planting a tree. To solve sentence rearrangement (Para Jumbles) for competitive exams, you must look for the **action-reaction** or **cause-effect** relationship between sentences.

- (2) She dug a small hole in the ground:** This is the foundational step. You cannot plant a sapling without first preparing the ground.
- (4) She placed the sapling gently into the hole:** Once the hole is dug, the next logical action is to put the plant inside it.
- (3) She watered it every day with great care:** After planting, the "it" (referring back to the sapling) requires maintenance and nourishment.
- (1) The sapling grew into a beautiful tree over the years:** This is the final result of the previous actions, indicated by the time phrase "over the years."

- Q.95 Choose the correct meaning of the given idiom/phrase from the options:
- "Burn the midnight oil"

- A. To work or study very late into the night

B. To waste time on unimportant things

C. To celebrate a hard-earned victory

D. To cause unnecessary trouble

Answer: A

Sol: ExplanationOption (a) is the correct meaning of the given idiom.

Burn the midnight oil: To work, study, or read late into the night. It originates from the time before electricity when people had to use oil lamps to see at night. (देर रात तक कड़ी मेहनत करना)

Example: If you want to pass the exam with high marks, you will have to **burn** **night oil**.

Other related idioms and their meanings

- **Hit the books:** To study very hard.
- **Pull an all-nighter:** To stay awake all night to study or work.
- **Keep the candle burning at both ends:** To work too hard without getting enough rest.

So the correct answer is (a)

- Q.96** Find the part of the sentence that contains an error:
The principal shared (1) / a important announcement (2) / with all the (3) / students present (4).
- A. The principal shared (1)
 - B. a important announcement (2)
 - C. with all the (3)
 - D. students present. (4)

Answer: B

Sol: ExplanationOption (b) contains an error. The indefinite article 'a' is used incorrectly before the word 'important'. Since 'important' begins with a vowel sound (/ɪ/), the article 'an' should be used instead of 'a'.

Grammatical Rule Used

Article usage: Use 'an' before words that begin with a vowel sound (a, e, i, o, u). Use 'a' before words that begin with a consonant sound.

Example: **An** apple, **An** honest man, **A** book, **A** university (starts with /j/ consonant sound).

Information Booster

Remember that the choice between 'a' and 'an' depends on the **sound**, not just the starting letter of the word.

So the correct answer is (b)

- Q.97** Fill in the blank with most appropriate phrasal verb:
The candle flickered wildly in the wind, and she struggled to __ it __.
- A. blow — out
 - B. set — up
 - C. put — off
 - D. turn — over

Answer: A

Sol: ExplanationThe correct option to fill in the blank is (a) blow — out. The phrasal verb 'blow out' means to extinguish a flame or fire by blowing. (बुझाना)

Example: Make a wish before you **blow out** the candles.

Why other options are incorrect

- **set up:** To establish or arrange something. (स्थापित करना)
- **put off:** To delay or postpone. (स्थगित करना)

- **turn over:** To flip something or transfer control. (पलटना)

Information Booster

'Put out' is another phrasal verb that means to extinguish, but 'blow out' specifically refers to the action of the wind or air.

So the correct answer is (a)

- Q.98** Find the part of the sentence that contains an error:
He met (1) / a IAS officer (2) / at the seminar (3) / held last Friday (4).
- A. He met (1)
 - B. a IAS officer (2)
 - C. at the seminar (3)
 - D. held last Friday. (4)

Answer: B

Sol: **Explanation**Option (b) contains an error. The acronym 'IAS' starts with the vowel sound /aɪ/, so it should be preceded by the article 'an' instead of 'a'.

Grammatical Rule Used

Indefinite Articles with Abbreviations: If an abbreviation starts with a vowel sound (A, E, F, H, I, L, M, N, O, R, S, X), use 'an'.

Example: **An** MLA, **An** FIR, **An** MP, but **A** BDO.

Information Booster

The sound is paramount. Even if a word starts with a consonant letter like 'H', if it is silent (e.g., hour), we use 'an'.

So the correct answer is (b)

- Q.99** Choose the correct meaning of the given idiom/phrase from the options:
"Bite the bullet"
- A. To act in an aggressive manner
 - B. To endure a painful or difficult situation bravely
 - C. To give up on a task too easily
 - D. To make a decision in great haste

Answer: B

Sol: **Explanation**Option (b) is the correct meaning of the given idiom.

Bite the bullet: To accept or undergo something unpleasant or difficult that is otherwise unavoidable. It refers to historical times when soldiers had to bite on a bullet to endure pain during surgery without anesthesia. (कठिनाई का साहसपूर्वक सामना करना)

Example: I didn't want to go to the dentist, but I just had to **bite the bullet** and get it over with.

Other related idioms and their meanings

- **Face the music:** To accept the unpleasant consequences of one's actions.
- **Grit one's teeth:** To keep one's resolve in a difficult situation.
- **Take the bull by the horns:** To deal with a difficult situation directly and courageously.

So the correct answer is (b)

Q.100 Find the part of the sentence that contains an error:
The manager was angry (1) / on the employee (2) / for reporting (3) / late to work (4).

A. The manager was angry (1)
B. on the employee (2)
C. for reporting (3)
D. late to work. (4)

Answer: B

Sol: ExplanationOption (b) contains an error. The preposition 'on' is incorrectly used with the adjective 'angry'. In English grammar, when we are angry with a person, we use the preposition '**with**'. If we are angry at a situation or something someone did, we use '**at**'.

Grammatical Rule Used

Appropriate Prepositions: **Angry with** someone; **Angry at/about** something.

Example: She was **angry with** her brother for breaking the vase.
He was **angry at** the poor service in the restaurant.

Information Booster

Similar to 'angry', words like 'annoyed', 'displeased', and 'offended' also take 'with' for persons and 'at' for things.

So the correct answer is (b)
