

V.KUMAR'S ACADEMY

27072025

GENERAL ABILITY AND INTELLIGENCE

TEST No.18 for CAPF (AC)

Time: Two Hours

Marks: 250



Name Of Candidate:.....

Invigilator's Signature:.....

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V.KUMAR'S ACADEMY

Test No.18

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These questions are based on this Revision Timetable which is conducted by V.KUMAR Sir and his team. Every year thousands of candidates follow our revision timetable – which is made for SERIOUS aspirants who would like to intensively revise everything that's important before the exam.

Those who would like to take up more tests for even better preparation, can enroll to **V.KUMAR'S CAPF Mock Test Series – 2025**. Every year toppers solve our tests and sail through UPSC CAPF (AC) exam. Wish you all the best!

V.KUMAR
(JRF)
(Exam Comptroller)



V.KUMAR'S ACADEMY

Q.1 With reference to the S-400 'Sudarshan Chakra' air defence system in Indian service, which of the following statements is correct?

- (a) India procured the system from the United States under the CAATSA agreement.
- (b) All five squadrons ordered by India were delivered and deployed by 2023.
- (c) The system is primarily deployed to provide air defence cover for India's naval assets in the Indian Ocean.
- (d) It is a multi-layered, long-range surface-to-air missile system designed to neutralize a wide variety of aerial threats.

Q.2 The Manusmṛti is one of the best-known legal texts of early India, written in Sanskrit and compiled between second century BCE and second century CE. Consider the following statements about Manusmṛti:

- 1. It gives equal rights to women on the paternal property and resources.
- 2. It strongly opposes the Varna system.

Which of the above statements is/are incorrect?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Q.3 The rock art of Bhimbetka belongs to which of the following periods?

- 1. Upper Palaeolithic
- 2. Mesolithic
- 3. Chalcolithic

Select the correct answer code:

- (a) 1, 3
- (b) 2, 3
- (c) 1, 2
- (d) 1, 2, 3

Q.4 Consider the following statements regarding Nagara School of Architecture.

- 1. The temples generally followed the Panchayatana style of temple making.
- 2. Generally, there were water tanks or reservoirs present in the temple premises.
- 3. The temples were generally built on upraised platforms.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q.5 Which of the following best explains why consumption-based Gini coefficients may underestimate inequality in India?

- (a) Consumption surveys include agricultural income only
- (b) Wealth and income of the poor are overestimated
- (c) The rich save more and report less consumption
- (d) Middle-class consumption distorts income measurement

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Q.6 Which one of the following best describes the "Global South"?

- (a) It is a strict geographical classification of all countries located south of the Equator.
- (b) It refers to a group of developing and emerging nations that share common developmental challenges and seek a greater voice in global governance.
- (c) It is a formal economic alliance of countries that have rejected membership in the World Bank and the International Monetary Fund.
- (d) It exclusively comprises the member states of the Non-Aligned Movement (NAM) and the G77.

Q.7 Which of the following best describes the theme for the 11th International Day of Yoga, 2025?

- (a) It focuses on the role of yoga in achieving global disarmament and peace.
- (b) It highlights the economic benefits of wellness tourism centered around yoga.
- (c) It underscores the interconnectedness of individual health and the health of the planet.
- (d) It promotes yoga primarily as a competitive sport for international events.

Q. 8 The Constitution of India confers which of the following fundamental rights only to citizens of India?

1. Right to freedom of speech and expression
2. Right against discrimination under Article 15
3. Right to vote in elections to the Lok Sabha and state legislative assembly
4. Right to equality of opportunity in the matter of public employment

Select the correct answer code:

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

Q. 9 Which of the following elements of Rule of Law are applicable to the Indian System?

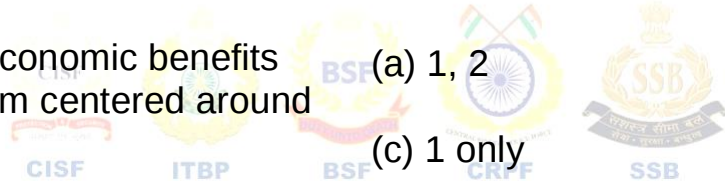
1. Equality before the law
2. Absence of arbitrary power
3. The primacy of the rights of the

individual Select the correct answer code:

- (a) 1, 2
- (b) 1, 3
- (c) 1 only
- (d) 1, 2, 3

Q.10 Which of the following is not mentioned in the Constitution of India?

- (a) Votes on Account
- (b) Vote of Credit
- (c) Exceptional grants
- (d) All the above are mentioned in the Constitution



Q.11 Consider the following ecosystems.

1. Tropical evergreen
2. Tropical deciduous
3. Taiga
4. Tundra

The correct sequence in decreasing order of the albedo values of these ecosystems is

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

Q.12 Consider the following pairs regarding wind circulation.

1. Ferrel cell : Cell in the tropics
2. Hadley Cell : Cell in the middle latitudes
3. Polar cell : Cell in the polar region

Which of the above pairs is/are correctly matched?

- (a) 1, 3 (b) 2, 3
(c) 3 only (d) 1, 2, 3

Q13. Consider the following statements regarding Aravalli Ranges.

1. They are one of the oldest fold mountains of the world and the oldest in India.
2. They are aligned in north-west to south-east direction.
3. Luni, Banas and Sahibi rivers flow from the Aravalli ranges.

Which of the above statements is/are correct?

- (a) 1, 3 (b) 1, 2 (c) 2, 3 (d) 1, 2, 3

Q14. Consider the following statements regarding the characteristics of climate groups according to Koeppen.

1. Tropical – Average temperature of the coldest month is 18 degree C or higher.
2. Cold Climates – Average temperature for all months is below 10-degree C.
3. Dry Climates – Potential evaporation exceeds precipitation.

Which of the above statement s is/are correct?

- (a) 1, 2 (b) 1, 3
(c) 2, 3 (d) 1, 2, 3

Q.15 Consider the following statements regarding the reasonable restrictions on the Right to Free Speech under the Indian Constitution:

- 1.The grounds for imposing reasonable restrictions are explicitly mentioned in Article 19(2) of the Constitution.
- 2.Any restriction imposed must be subjected to judicial review to determine its reasonableness.
- 3.The term 'public order' as a ground for restriction was added through the First Constitutional Amendment Act, 1951.

How many of the above statements is/are correct?

- (a) Only one (b) Only two
(c) Only three (d) None

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Q.16 Match the following protected areas with the state they are primarily located in:

List-I (Protected Area) List-II (State)

A. Nagarahole National Park 1. Odisha

B. Valmiki Tiger Reserve 2. Uttar Pradesh

C. Dudhwa National Park 3. Karnataka

D. Similipal National Park 4. Bihar

Select the correct answer using the code given below:

(a) A-1, B-2, C-4, D-3

(b) A-3, B-4, C-2, D-1

(c) A-3, B-2, C-4, D-1

(d) A-1, B-4, C-2, D-3

Q.17 With reference to INS Udaygiri, which of the following statements is incorrect?

(a) It is the second frigate of the Project 17A series.

(b) It is equipped with a Combined Diesel or Gas (CODOG) propulsion system.

(c) The ship is named after a mountain range in Odisha.

(d) It has been constructed using modular block construction techniques.

Q.18 Consider the following statements.

1. Much of the Earth's mantle consists of magma.

2. Magma is a mixture of minerals and also contains small amounts of dissolved gases.

3. The high pressure under Earth's crust keep magma in a solid state.

How many of the above statements is/are correct?

(a) Only one

(b) Only two

(c) Only three

(d) None

Q.19 The climate and weather of a region largely depends on

1. Distance from equator

2. Height above Mean Sea Level (MSL)

3. Distance from International Date Line

4. Proximity with major water bodies

Select the correct answer code:

(a) 1, 2, 3

(b) 1, 3, 4

(c) 1, 2, 4

(d) 1, 4

Q.20 Pavi is facing west direction. She takes left turn. Then she takes right turn. Then she takes right turn again. Then she takes a left turn. Then she takes a right. And again she takes a right turn. Finally in which direction she is facing now?

(a) East

(b) South

(c) North

(d) West

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Q.21 Consider the following statements regarding Chota Nagpur Plateau.

1.The Chota Nagpur Plateau is a plateau in eastern India, which covers much of Jharkhand state as well as adjacent parts of Odisha, West Bengal and Chhattisgarh.

1.The Indo-Gangetic plain lies to the north and east of the plateau.

3.The plateau has been formed by continental uplift from forces acting deep inside the earth.

4.The Krishna River flows through Chota Nagpur Plateau.

How many of the above statements is/are correct?

(a) Only one

(b) Only two

(c) All three

(d) All four

Q.22 Consider the following statements regarding Peninsular Rivers.

1.The Peninsular rivers have shorter and shallower courses as compared to their Himalayan counterparts.

2.A large number of the Peninsular rivers are seasonal.

3.Peninsular rivers carry much larger silt as compared to Himalayan rivers which carry fresh water.

How many of the above statements is/are correct?

(a) Only one

(b) Only two

(c) All three

(d) None

Q.23 Which of the following factors Influence the formation of South-West Monsoon?

1.Shift of the position of Inter Tropical Convergence Zone (ITCZ) in summer.

2.Presence of the high-pressure area, east of Madagascar, approximately at 20°S over the Indian Ocean.

3.Movement of the westerly jet stream to the north of the Himalayas and the presence of the tropical easterly jet stream over the Indian peninsula during summer.

Select the correct answer code:

(a) 1, 2

(b) 1, 3

(c) 2, 3

(d) 1, 2, 3

Q.24 An ecological pyramid is a diagrammatic presentation to describe trophic levels. How does the knowledge of ecological pyramid can help us in conservation of an ecosystem?

1.It helps us to identify bio-accumulation.

2.It helps us to identify bio-magnification.

3.It helps us to recognize an invasive species.

Select the correct answer code:

(a) 1, 3

(b) 1, 2

(c) 2, 3

(d) 1, 2 and 3

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Q.25 Birds Following Army Ants is an example for which of the following types of symbiotic relationship between organisms?

- (a) Competition (b) Parasitism
(c) Commensalism (d) Mutualism

Q.26 Consider the following statements regarding progressive taxation system.

Statement-I: A progressive taxation system is one where the average tax rate increases as the taxable income increases.

Statement-II: Progressive taxation aims to reduce income inequality by imposing a higher tax burden on those with a greater ability to pay.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
(b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
(c) Statement-I is correct but Statement-II is incorrect
(d) Statement-I is incorrect but Statement-II is correct

Q.27 Consider the following pairs:

List-I (Economic Term)

List-II (Brief Description)

1. Stagflation

A. A situation of high inflation combined with high unemployment and stagnant demand.

2. Disinflation

B. A decrease in the rate of inflation.

3. Deflation

C. A general decline in prices for goods and services.

4. Skewflation

D. A significant price rise in one or a small group of commodities.

How many of the above pairs are correctly matched?

(a) Only one

(b) Only two

(c) Only three

(d) All four

Q.28 With reference to Article 13 of the Indian Constitution, consider the following:

1. Ordinances issued by the President or Governors.
2. Bye-laws made by municipal bodies.
3. Customs or usages having the force of law.

Which of the above are included in the definition of 'law' under Article 13(3)(a) for the purpose of testing consistency with Fundamental Rights?

(a) Only one

(b) Only two

(c) Only three

(d) None

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Q.29 A clock is set right at 1 pm. If it gains one minute an hour, what is the true time when the clock indicates 6 pm the same day?

- (a) 5(7/61) min past 5
- (b) 55(8/61) min past 5
- (c) 55(8/61) min past 5
- (d) 56(5/61) min past 5

Q.30 Which one of the given responses would be a meaningful order of the following?

- 1. apartment
- 3. street
- 5. complex

- 2. Town
- 4. Building

- (a) 1, 5, 4, 3, 2
- (c) 4, 5, 3, 2, 1

- (b) 4, 5, 3, 2, 1
- (d) 1, 4, 5, 3, 2

Q.31 Consider the following pairs:

- 1.Kamarajar Port (Ennore) : India's first major port registered as a public company.
- 2.Mundra Port : Largest privately owned port in India, located in the Gulf of Kutch.
- 3.Vizhinjam Port : Deepwater multipurpose seaport being developed under the Sagarmala Programme in Tamil Nadu.

How many of the above pairs are correctly matched?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q.32 Consider the following statements:

- 1.Tamil Nadu and Andhra Pradesh receive rainfall from northeast monsoon during winter months.
- 2.Punjab and Haryana receive rainfall in winter from temperate cyclones from the Mediterranean Sea.
- 3.Arunachal Pradesh and Assam receive winter rainfall from western disturbances.

How many of the statements given above is/are correct?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) None

Q.33 Recently recalculation of coastline in India has been conducted; with reference to that, consider the following statements:

- 1.The highest increase in percentage terms has been observed in West Bengal.
- 2.A decline in coastline length has been observed only for Puducherry.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Q.34 Consider the following statements:

1. All islands in the Lakshadweep Archipelago are exclusively coral in origin.
2. The Eight Degree channel separates Minicoy from Lakshadweep Islands.
3. Andaman and Nicobar Islands are entirely volcanic in origin.

How many of the statements given above is/are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q.35 Which Indian state is globally renowned for cultivating the seeds of *Euryale ferox*—an aquatic plant known for its high protein, low glycemic index, and anti-aging flavonoid content—and has been chosen as the base for a newly announced Central Government Makhana Board aimed at enhancing its production, processing, and export potential?

- (a) West Bengal (b) Assam
(c) Bihar (d) Odisha

Q.36 With reference to the 'Thermoplastics', consider the following statements:

1. Thermoplastic materials have very high melting points.
2. Thermoplastics can be remolded and recycled without negatively affecting the material's physical properties.

3. PVC is an example of thermoplastic.

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 and 3 only
(c) 1 and 2 only (d) 1, 2 and 3

Q.37 Consider the following statements:

1. Retroviruses are any of a group of RNA viruses which insert a DNA copy of their genome into the host cell in order to replicate.

2. HIV, the virus that causes AIDS, is an example for retrovirus.

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

Q.38 The First ever Nuclear Energy Summit was Organised in 2024 by:

- (a) International Atomic Energy Agency
(b) International Renewable Energy Agency
(c) Organisation for Economic Cooperation and Development
(d) International Energy Agency

Q.39 Consider the following statements:

1. Unlike Pressurized Heavy Water Reactors, Fast Breeder Reactors (FBR) use neutrons with high kinetic energy for fission reaction.
2. FBRs employ a mixture of Uranium and Plutonium as fuel for the reaction.
3. FBRs are envisaged as means of full utilisation of Thorium reserves of India.

How many of the statements given above is/are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q.40 The term *Tokamak* is sometimes seen in news; which of the following best describes it?

- (a) A reaction to increase half life of radioactive materials.
- (b) A machine to convert non-radioactive elements to radioactive ones through artificial transmutation process.
- (c) A nuclear reactor designed to produce recyclable nuclear waste.
- (d) An experimental machine designed to harness the energy of fusion reaction.

Q.41 The phenomenon occasionally referred to as "Purple Rain," reported in certain localized areas, is most plausibly explained by:

- (a) The scattering of sunlight by unusually high concentrations of atmospheric ice crystals, similar to halo phenomena.
- (b) Biological material, such as pollen or algae spores from specific blooms, being carried aloft and mixing with rainwater.
- (c) The presence of dissolved manganese compounds, often originating from industrial emissions or specific geological dust, oxidizing and colouring the precipitation.
- (d) A rare photochemical reaction involving ozone and nitrogen oxides under specific meteorological conditions, tinting the raindrops.

Q.42 Consider the following diseases:

- | | |
|-----------|-----------------|
| 1. Ebola | 2. Influenza |
| 3. Dengue | 4. Yellow fever |

How many of the above are classified as Notifiable diseases in India?

- (a) Only one (b) Only two
(c) Only three (d) All four

Q.43 Three numbers are given. The average of first and third numbers is 24 more than that of average of second and third numbers. Find out the difference between the first and second numbers.

- (a) 36 (b) 40
(c) 42 (d) 48

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Q.44 Who propounded the theory of "The White Man's Burden"?

- (a) William Hampton (b) John Pook
(c) Rudyard Kipling (d) John Keats

2. Expansion and reform of legislative councils.

3. The introduction of Permanent Settlement to other parts of India.

How many of the above were the major demands of the Moderates?

- (a) Only one (b) Only two
(c) All three (d) None

Q.45 Consider the following statements regarding the Ideology of Moderates:

1. Moderates imbibed western ideas of liberalism, democracy, equity and freedom.
2. They believed in the efficacy of peaceful agitation.
3. They believed in self-reliance as a weapon against domination.

How many of the above statements are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q.48 Regarding August Declaration, which of the following statements is correct?

- (a) It was a public declaration by the Congress proclaiming the launch of the Quit India Movement
(b) Declaration by the Congress advocating unwillingness of Indians in participating with British army in World War II
(c) It advocated increasing participation of Indians in the administration

Q.46 Consider the followings:

1. Madan Mohan Malviya
2. Dadabhai Naoroji
3. G. Ranade
4. Aurobindo Ghose

How many of the above leaders were moderates?

- (a) Only one (b) Only two
(c) All three (d) All four

- (d) An official declaration of 'Poorna Swaraj' made by Jawaharlal Nehru

Q.49 Consider the following statements regarding Dharsana Satyagraha:

1. It was led by Sarojini Naidu and Maulana Abul Kalam Azad.
2. It was a part of Salt Satyagraha of Mahatma Gandhi.

Q.47 Consider the following statements:

1. Abolition of salt tax and sugar duty
- Freedom of speech and expression and freedom to form associations.

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

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Q.50 The recommendations of the Simon Commission 1930, included:

1. Abolition of separate electorates
2. Reservation of seats for depressed classes
3. Abolition of Dyarchy in the provinces

Select the correct answer using the code given below:

(a) Only one

(b) Only two

(c) All three

(d) None

Q.51 The 'Einstein Cross' recently observed by astronomers refers to:

(a) A rare stellar formation where four stars are arranged in a cross pattern

(b) A gravitational lensing effect where a single quasar appears as four images

(c) The intersection point of two neutron star collision jets

(d) A unique X-shaped radio galaxy formed by the merger of two galaxies

(a) Both Statement -I and Statement -II are correct and Statement -II explains Statement -I

(b) Both Statement -I and Statement -II are correct but Statement -II does not explain Statement -I

(c) Statement- I is correct but Statement -II is incorrect

(d) Statement- I is incorrect but Statement -II is correct

Q.53 The following sequence is generated by dividing 55 by natural numbers:

0, 1, 1, 3, 0, X, 6, 7, What is X?

(a) 3

(b) 2

(c) 1

(d) 0

Q.54 In how many ways can the letters of the word SCHOOL be arranged such that the 2 O's never come together?

(a) 240

(b) 360

(c) 420

(d) 600

Q.55 X and Y are natural numbers other than 1, and Y is greater than X. Which of the following represents the largest number?

(a) XY

(b) X/Y

(c) Y/X

(d) (X + Y)/XY

Statement – I :

Lower sodium salt substitutes decrease the risk of cardiovascular diseases.

Statement – II :

Sodium encourages fluid retainment in the body that increases fluid volume of the blood resulting in raised blood pressure.

Which of the following is correct in respect of the above statements ?

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Q.56 Consider the following statements regarding First Five-year Plan (FYP).

- 1.The First Five Year Plan choose heavy industries as the “prime moving force” of the economy.
- 2.The University Grants Commission (UGC) was set up at the end of the plan period.
- 3.The First Five Year Plan was followed by the Bombay Plan which became the basis of the Second Five Year Plan in India.

How many of the above statements is/are correct?

- (a) Only One (b) Only two
(c) All three (d) None

Q.57 Consider the following pairs regarding the idea of planning in India.

- 1.Visvesvaraya Plan – Focus on shifting the labour from industrial sector to agriculture sector.
- 2.Gandhian Plan – Emphasis on cottage and village level industries.
- 3.Bombay Plan – Emphasised on the development of essential consumer goods industries in India.

How many of the above statements is/are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q.58 In some of the five-year plans, the Gadgil – Mukharjee Formula was used to

- (a) Calculate the trajectory of industrial growth in India
- (b) Allocate financial assistance to states from the Centre
- (c) Determine maximum permissible limit of External Borrowings by the Government
- (d) Determine the target of fiscal deficit for the Government

Q.59 Which of the following is the most appropriate analogy regarding the relationship between a “Protected area” and the “Biosphere”?

- (a) Earth and the moon
- (b) Troposphere and Stratosphere
- (c) A tree in a forest
- (d) None of the above

Q.60 A substantial increase in atmospheric aerosols is likely to

- 1.Affect rainfall patterns
- 2.Cut down the destruction of stratospheric ozone significantly
- 3.Increase global warming by large Proportions

How many of the above statements are correct?

- (a) Only one (b) Only two
(c) All three (d) None

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Q.61 To avoid unfavourable conditions, which of the following enter into diapause, a stage of suspended development.

- (a) Zooplankton (b) Bears
(c) Snails (d) Fish

Q.62 Acid rain is mainly a by-product of a variety of human activities that emit the oxides of

- (a) Sulphur and nitrogen in the atmosphere
(b) Mercury and lead compounds in water bodies
(c) Radioactive compounds in effluent discharge
(d) Carbon emitted by peat lands

Q.63 Which of these ecosystems would sequester most carbon for a given unit of area?

- (a) Grassland (b) Saltmarsh
(c) Mature tropical forests
(d) Bare soil

Q.64 Pines, Spruces and Fir trees are found in

- (a) Temperate deciduous forests
(b) Savanna Forests
(c) Taiga Forests
(d) Equatorial Evergreen Forests

Q.65 Which of the following are regarded as freebies provided by Governments?

- 1.Free electricity and water
- 2.Free public transportation
- 3.Waiver of pending utility bills
- 4.Farm loan waivers

How many of the above options is/are correct?

- (a) Only one (b) Only two
(c) Only three (d) All four

Q.66 The economic cost of food grains does not include which of the following?

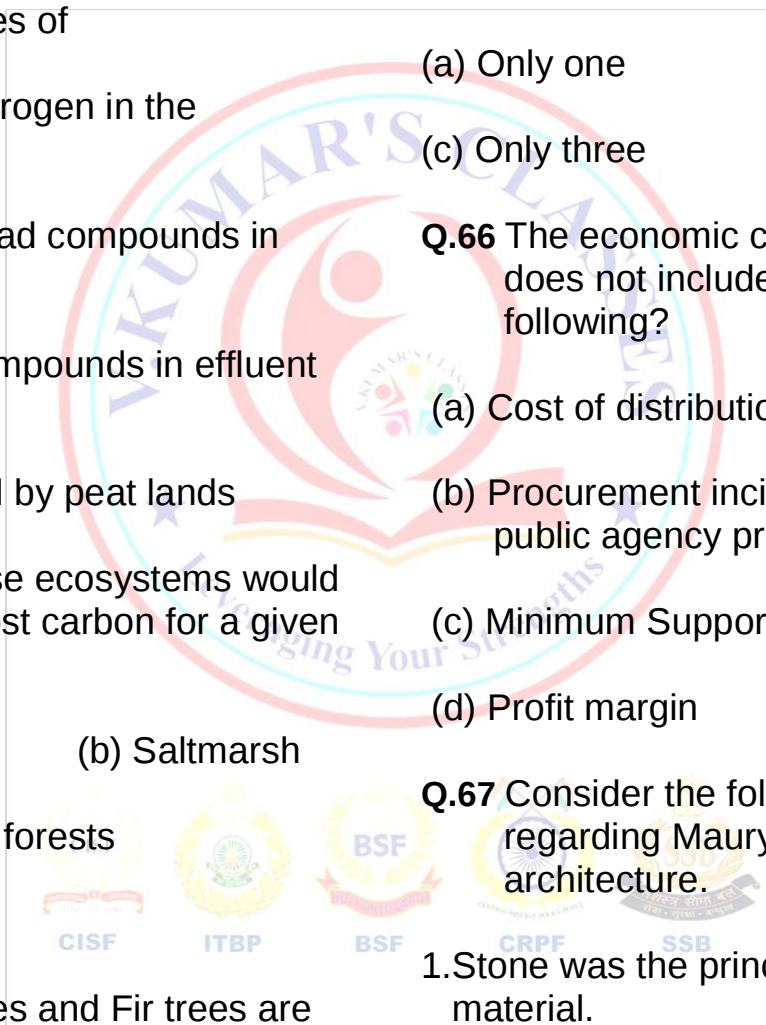
- (a) Cost of distribution
(b) Procurement incidentals (for the public agency procuring)
(c) Minimum Support Price
(d) Profit margin

Q.67 Consider the following statements regarding Mauryan art and architecture.

- 1.Stone was the principal building material.
- 2.Lauria Nandangarh pillar in Champaran was built during the time of Ashoka.

Which of the above statements is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2



Q.68 This type of scroll painting is one of the most famous paintings of Rajasthan. It depicts exploits of local deities which are often carried from place to place and are accompanied by traditional singers, who narrate the theme depicted on the scrolls. This refers to?

- (a) Phad (b) Patachitrakala
(c) Mandana (d) Rangavalli

Q.69 Consider the following statements regarding religious practices of the Harappan civilization.

1. Linga worship was prevalent during Harappan civilization.
2. Religion was strictly masculine and patriarchal in nature.

Which of the above statements is/are incorrect?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

Q.70 Consider the following statements.

1. The first coins to bear the names and images of rulers were issued by the Indo-Greeks.
2. Both Kushanas and Guptas issued gold coins.
3. Coins were also issued by tribal republics of Punjab and Haryana.

How many of the above statements is/are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q.71 What is the key characteristic of Oxo-degradable plastics?

- (a) They are compostable and yield biomass during decomposition.
(b) They are derived from renewable Biomass.
(c) They contain additives that help break them into smaller fragments, leading to microplastic leakage.
(d) They are completely biodegradable in the environment.

Q.72 What is the main environmental benefit of nano-fertilizers compared to traditional fertilizers?

- (a) Nano-fertilizers are entirely organic and biodegradable.
(b) Nano-fertilizers increase nutrient runoff into water bodies, enhancing aquatic ecosystems.
(c) Nano-fertilizers completely eliminate the need for chemical fertilizers.
(d) Nano-fertilizers reduce nutrient wastage and pollution, cutting fertilizer use by 50%.

Q.73 Which of the following is not an initiative of BRICS?

- (a) BRICS Payment System
(b) Contingent Reserve Arrangement (CRA)
(c) New Development Bank (NDB)
(d) Asian Infrastructure Investment Bank (AIIB)

V.KUMAR'S ACADEMY

Q.74 Which of the following represents a significant application of green hydrogen in water management?

- (a) It is used to recycle wastewater more efficiently.
- (b) It enhances the capacity of hydropower stations.
- (c) It powers desalination plants to produce freshwater.
- (d) It powers irrigation systems for Agriculture.

Q.75 What is the primary aim of the Digital India Common Service Center (DICSC) project?

- (a) To develop urban e-commerce platforms for rural products.
- (b) To bridge the digital divide in rural areas by providing e-governance and digital services.
- (c) To enhance agricultural productivity through digital tools.
- (d) To set up government offices in rural areas for public grievances.

Q.76 Which of the following features makes Phawngpui National Park ecologically unique among Indian protected areas?

- (a) It is India's only home to the endangered White-winged Wood Duck
- (b) It is the only park with permanent glacial lakes in the Eastern Himalayas

(c) It is the largest continuous patch of tropical dry deciduous forest in Northeast India.

(d) It hosts the only known Indian population of Mount Victoria Babax.

Q.77 Which of the following best describes the long-term goal of the National Quantum Mission (NQM)?

- (a) To build scalable quantum systems ranging from 50 to 1000 qubits.
- (b) To develop globally competitive 5G and 6G communication systems.
- (c) To launch India's first full-scale space-based quantum satellite.
- (d) To replace classical computing architectures with photonic-based systems.

Q.78 The Red Sea is distinct among world water bodies due to which of the following?

- (a) It has the lowest salinity among the tropical seas.
- (b) It is formed at a triple junction of tectonic plates.
- (c) It is the only sea connected directly to both the Mediterranean Sea and the Arabian Sea.
- (d) It supports only shallow coral ecosystems due to high temperatures.

V.KUMAR'S ACADEMY

Q.79 Which of the following best characterizes the significance of Exercise Tiger Triumph 2025 in India's evolving maritime strategy?

- (a) Strengthening bilateral maritime trade routes with ASEAN nations.
- (b) Strengthening bilateral maritime trade routes with ASEAN nations.
- (c) Enhancing amphibious interoperability with a Quad member for Humanitarian Assistance and Disaster Relief (HADR) operations.
- (d) Creating a trilateral naval command with the USA and Australia in the Indian Ocean.

Q.80 Tungsten is considered essential in defense and aerospace industries because:

- (a) It is used in armor-piercing projectiles and high-strength alloys.
- (b) It is the primary component of spacecraft fuel.
- (c) It has radioactive properties ideal for nuclear applications.
- (d) It is lightweight and non-magnetic.

Q.81 What is the significance of the Greater Caucasus Range in Georgia?

- (a) It separates Georgia from the Black Sea.
- (b) It houses the only desert in Georgia.
- (c) It forms a natural border with Turkey.
- (d) It serves as a boundary between Europe and Asia.

Q.82 The legal foundation for the Inner Line Permit (ILP) system originated under which law?

- (a) Indian Passport Act, 1920
- (b) Bengal Eastern Frontier Regulation Act, 1873
- (c) Government of India Act, 1935
- (d) Foreigners (Protected Areas) Order, 1958

Q.83 Who was the first Laureate of the World Food Prize, recognized for pioneering India's Green Revolution?

- (a) Norman Borlaug
- (b) Mariangela Hungria
- (c) S. Swaminathan
- (d) Sahu Shanti Prasad Jain

Q.84 Which of the following is the most significant factor behind the focus on thorium utilization in India's atomic energy policy?

- (a) Thorium's role in nuclear weapons development.
- (b) Thorium's high efficiency in nuclear fission.
- (c) India's limited uranium reserves.
- (d) International restrictions on uranium imports.

V.KUMAR'S ACADEMY

Q.85 Consider the following pairs regarding committees related to the Indian economy and their primary recommendation areas:

- 1.Narasimham Committee (I & II) :
Financial Sector Reforms
- 2.Kelkar Committee (2002) : Tax
Reforms (Direct and Indirect Taxes)
3. Abid Hussain Committee : Small
Scale Industries
- 4.Urjit Patel Committee : Monetary
Policy Framework (Inflation
Targeting)

How many of the above pairs are correctly matched?

- (a) Only one (b) Only two
(c) Only three (d) All four

Q.86 Writ of Mandamus is a command issued by the court. It can be issued to

- 1.Governors 2.Tribunals
- 3.Inferior courts

Select the correct answer code:

- (a) 1, 3 (b) 2, 3
(c) 1, 2 (d) 1, 2, 3

Q.87 Consider the following statements regarding Fundamental Rights.

- 1.They promote the idea of social and economic democracy.

2.They are sacrosanct and permanent.

3.Most of them are directly enforceable while a few are enforced by a law made by the parliament and state legislatures.

How many of the above statements are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q.88 In the context of Modern India, Jugantar and Bharathmatha Association were

- (a) Reformist Hindu Organisations
(b) Publications against colonialism
(c) Revolutionary groups
(d) Pre-Congress Social Organisations

Q.89 The period between 1885 – 1905 is known as the era of the moderates. Which of the following were the main demands of Moderates?

- 1.Abolition of salt tax and sugar duty.
- 2.Reduction of land revenue and protection of peasants from unjust landlords.
- 3.Separation of the judiciary from the executive.
- 4.Freedom of speech and expression and freedom to form associations

Select the Correct answer code:

- (a) Only one (b) Only two
(c) Only three (d) All four

V.KUMAR'S ACADEMY

Q.90 Why Defence of India Act 1915 was opposed by the nationalists?

- 1.It aimed at curtailing the nationalist and revolutionary activities.
- 2.It made a sharp distinction between European and Indian subjects.

Select the correct answer code:

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

Q.91 The Congress split in 1907 was due to the issue of

- (a) Grant of concessions to the All-India Muslim League
(b) Economic ideology of state-led development of India
(c) Increasingly religious tones in the Indian National Movement
(d) Methodology of struggle against the British

Q.92 The Lucknow Session, 1916 was special in many respects. Consider the following statements regarding this session.

- 1.Congress and All India Muslim League signed the historic Lucknow Pact.
- 2.It marked the re-union of the Moderates and Extremists.
- 3.Annie Besant was the president of Lucknow session.

How many of the above statements are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q.93 Consider the following statements regarding Di-Ammonium Phosphate (DAP):

- 1.DAP is the most used fertilizer in India.
- 2.DAP contains 46% Nitrogen and 18% Phosphorus.
- 3.DAP is critical for early root development in crops.

How many of the above statements is/are incorrect?

- (a) Only one (b) Only two
(c) All three (d) None

Q.94 Consider the following statements.

Statement-I: The capitals of Ashokan pillars, such as the one at Sarnath, exhibit distinct artistic influences from the Persian-Achaemenid empire.

Statement-II: Emperor Ashoka's primary objective in his interactions with the Achaemenid empire was the adoption of their imperial architectural styles for the propagation of Dhamma.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
(b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
(c) Statement-I is correct but Statement-II is incorrect
(d) Statement-I is incorrect but Statement-II is correct

V.KUMAR'S ACADEMY

Q.95 Consider the following statements regarding the MiG-21 aircraft:

- 1.The MiG-21 was jointly developed by the Soviet Union's Mikoyan-Gurevich Design Bureau and India's Hindustan Aeronautics Ltd (HAL).
- 2.The aircraft was primarily used in a defensive, air-to-air combat role and was not equipped for offensive bombing missions.
- 3.The entire fleet of MiG-21s is being replaced by the French-made Rafale jets as part of the Indian Air Force's modernization drive.

How many of the above statements are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q.96 A key implication of the Reserve Bank of India (RBI) conducting a Variable Rate Reverse Repo (VRRR) auction is:

- (a) It offers banks a lower return on their surplus funds compared to the fixed reverse repo rate.
- (b) It leads to an easing of liquidity in the money market, causing short-term rates to fall.
- (c) It can lead to a rise in short-term bond yields as it absorbs surplus liquidity from the system.
- (d) It permanently reduces the funds available with banks for lending and investment.

Q.97 Consider the following statements related to Fold Mountains:

- 1.They are formed exclusively by tensional forces causing the Earth's crust to stretch and break.
- 2.The Andes and the Rockies are examples of ancient, heavily eroded fold mountains.
- 3.Fold mountains are typically characterized by smooth, rolling hills rather than rugged peaks.

How many of the above statements are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q.98 With reference to prevailing wind systems, consider the following statements:

- 1.Trade winds in the Northern Hemisphere blow from southwest to northeast due to the Coriolis effect.
- 2.Westerlies are strongest in the Northern Hemisphere due to the large landmasses disrupting their flow.
- 3.Polar Easterlies blow from the subtropical high-pressure belts towards the poles.

How many of the above statements are correct?

- (a) Only one (b) Only two
(c) Only three (d) None

V.KUMAR'S ACADEMY

Q.99 Consider the following statements regarding different types of weathering:

1. Exfoliation, or onion-peeling weathering, is a form of chemical weathering caused by hydration.
2. Frost shattering is most effective in regions with consistently below-freezing temperatures throughout the year.
3. Carbonation primarily affects limestone and chalk rocks and is a type of physical weathering.

How many of the above statements are incorrect?

- (a) Only one (b) Only two
(c) All three (d) None

Q.100 The archaeological site of Piprahwa in Uttar Pradesh is most significantly associated with the relics of:

- (a) Mahavira (b) Gautama Buddha
(c) Emperor Ashoka (d) Kanishka

Q.101 Match the following Panchayati Raj-related Committees with their recommendations:

Committee Name Recommendation

- A) Balwant Rai Mehta 1) Role of Zilla Parishads in rural development
B) Ashok Mehta 2) Constitutional status for PRIs
C) GVK Rao 3) Three-tier Panchayati Raj System

D) LM Singhvi 4) Two-tier Panchayati Raj structure

Select the correct option:

- (a) A-2, B-3, C-4, D-1
(b) A-1, B-2, C-3, D-4
(c) A-3, B-4, C-1, D-2
(d) A-4, B-3, C-1, D-2

Q.102 Consider the following battles fought by Chhatrapati Shivaji Maharaj:

1. Battle of Pratapgad
2. Battle of Palkhed
3. Battle of Purandar
4. Battle of Sinhagad

How many of the above battles were personally led or involved by Shivaji Maharaj?

- (a) Only one (b) Only two
(c) Only three (d) All four

Q.103 Which of the following measures can prevent an MP from losing their seat under Article 101(4)?

- (a) Applying for leave of absence from the Committee on Members' Absence.
(b) Requesting an exemption from the Election Commission of India.
(c) Seeking permission from the Prime Minister's Office
(c) Challenging the decision in the Supreme Court before the 60-day mark

V.KUMAR'S ACADEMY

Q.104 What is the main source of power in Wave Energy Conversion systems?

- (a) Gravitational pull from the Moon
- (b) Salt concentration difference between freshwater and seawater
- (c) Temperature difference between surface and deep water
- (d) Kinetic energy from ocean waves

Q.105 Which of the following best describes the unique features of Dal Lake?

- (a) A lake with no islands or notable scenic landmarks.
- (b) Known for its expansive sand dunes and minimal water flow.
- (c) Famous for floating gardens, shikara markets, and Mughal gardens along its shore.
- (d) A dry lake located in the desert region of Jammu and Kashmir.

Q.106 Which of the following Articles of the Indian Constitution allows the State to make special provisions for backward classes?

- (a) Article 14
- (b) Article 15(4) and Article 16(4)
- (c) Article 21
- (d) Article 19(1)(a)

Q.107 What is a primary limitation of millimeter wave (mmWave) transceiver technology in wireless communication?

- (a) It is incompatible with Internet of Things (IoT) devices due to its size.
- (b) It has limited range and is easily blocked by physical obstructions.
- (c) It can only transmit data at low speeds over long distances.
- (d) It is highly susceptible to interference from other wireless systems.

Q.108 Consider the following statements regarding Sardar Vallabhbhai Patel's approach to the integration of princely states:

1. The princely state of Hyderabad was integrated through a peaceful negotiation without any military operation.
2. Patel personally led the negotiations for Kashmir's accession to India.

Which of the above statements is/are incorrect?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

V.KUMAR'S ACADEMY

Q.109 What was the primary focus of the Carter Doctrine?

- (a) Promoting nuclear disarmament in the Middle East
- (b) Advocating for peaceful resolution of Cold War conflicts
- (c) Establishing diplomatic ties with the Soviet Union post-Afghanistan Invasion
- (d) Asserting U.S. willingness to use military force to defend its interests in the Persian Gulf

Q.110 What is the primary advantage of an Air Independent Propulsion (AIP) system for submarines?

- (a) Allows submarines to operate at higher speeds underwater.
- (b) Reduces the need for conventional fuel in submarines.
- (c) Improves surface visibility of submarines for better navigation.
- (d) Enables submarines to operate underwater without surfacing for extended durations

Q.111 Which of the following factors poses the most significant challenge to the widespread adoption of satellite-based in-flight internet technology?

- (a) Signal latency due to geostationary satellite positioning
- (b) Interference from ground-based cellular towers

(c) Limited compatibility with next-generation aircraft systems.

(d) High data compression reducing internet quality.

Q.112 Which of the following factors poses the most significant challenge to the widespread adoption of satellite-based in-flight internet technology?

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Q.113 The Ramesh Chand Committee was formed primarily to:

- (a) Assess the impact of MSP (Minimum Support Price) on inflation.
- (b) Develop a roadmap for doubling farmers' income
- (c) Transition from the Wholesale Price Index (WPI) to the Producer Price Index (PPI)
- (d) Evaluate India's agricultural export Policies

V.KUMAR'S ACADEMY

Q.114 Which of the following is not a feature of the Producer Price Index (PPI)?

- (a) Tracks price changes before goods reach consumers.
- (b) Includes services sector.
- (c) Adheres to the System of National Accounts (SNA).
- (d) Measures changes in consumer Purchasing power.

Q.115 The Torrijos-Carter Treaties primarily aimed to:

- (a) Establish joint U.S.-Panama control over the Panama Canal.
- (b) End all U.S. military presence in Panama.
- (c) Establish the Panama Canal as a tax-free trade zone.
- (d) Transfer full control of the Panama Canal to Panama by a specified Date.

Q.116 Which of the following countries is a major supplier of multiple critical minerals, including cobalt, germanium, and strontium?

- (a) Australia
- (b) China
- (c) South Africa
- (d) Russia

Q.117 The Cirus reactor, operational since 1960, was pivotal in India's nuclear program, driving scientific innovation and enabling the 1974 "Smiling Buddha" nuclear test.

Which of the following was a significant use of the Cirus reactor?

- (a) Development of India's fast breeder reactor program.
- (b) Production of isotopes for medicine, agriculture, and industry.
- (c) Development of thorium-based Reactors.
- (d) Production of plutonium for space Missions.

Q.118 What is one significant limitation of current quantum computers?

- (a) Inability to process parallel tasks.
- (b) Limited reliance on environmental Conditions.
- (c) Complete absence of commercial Applications.
- (d) High error rates due to decoherence.

Q.119 What was the primary purpose of the Mansabdari system introduced by Akbar?

- (a) To centralize revenue collection from agricultural lands.
- (b) To construct architectural marvels like Fatehpur Sikri.
- (c) To categorize agricultural lands based on fertility.
- (d) To categorize agricultural lands based on fertility.

V.KUMAR'S ACADEMY

Q.120 Consider the following statements about Akbar's administrative system:

- (a) 132 km (b) 264 km
(c) 134 km (d) 236 km

1. Subhas, Sarkars, and Paraganas formed the administrative hierarchy.

2. Diwan-i-Arz was responsible for military affairs.

3. Fatehpur Sikri was constructed entirely in the Indo-Gothic architectural style.

Q.123 Vijay lends Rs 30,000 to two of his friends for 1 year. He gives Rs 15,000 to the first friend Praveen at 6% p.a. simple interest. He wants to make a profit of 20% on the whole. The simple interest rate at which he should lend the remaining sum of money to the second friend, Rahul is

How many of the above statements is/are correct?

- (a) 28% (b) 36% (c) 32% (d) 34%

(a) Only one

(b) Only two

(c) All three

(d) None

Q.121 There are 5 Pink bowls, 4 Purple bowls and 3 Brown bowls in a basket. Four bowls are chosen at random. Quantity 1: The probability of being 2 Pink and 2 Purple bowl. Quantity 2: The probability of being 2 Pink, 1 Purple & 1 Brown.

Q.124 A motor boat travels upstream from A to B and downstream from B to A in 9 hours. If the speed of the motor boat in still water is 9 kmph and the speed of the current is 3 kmph then what is the half of the distance between A and B?

- (a) 14 km (b) 16 km
(c) 18 km (d) 12 km

(a) Quantity 1 > Quantity 2

(b) Quantity 1 < Quantity 2

(c) Quantity 1 ≥ Quantity 2

(d) Quantity 1 ≤ Quantity 2

Q.125 The average expenditure of Sharma for the January to June is Rs. 4200 and he spent Rs. 1200 in January and Rs.1500 in July. The average expenditure for the months of February to July is

- (a) 2750 (b) 3250
(c) 4250 (d) 4500

Q.122 Vishal rides on a bike to a place at a speed of 22 kmph and comes back at a speed of 20 kmph. If the time taken by him in the second case is 36 minutes more than that of the first case, what is the total distance travelled by him (in km)?

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