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TSPSC GROUP-I PRELIMS 2023 JUNE REFLECTIONS FROM VISHNU IAS CONTENT & TEST SERIES.

110. Consider the following pairs in relation to incentives offered under Telangana Textiles and Apparel Policy 2017 – 22 :

Incentive Type	Incentive
A. Capital subsidy	Up to ₹ 40 crore
B. Interest subsidy	6% per annum for 8 years
C. Power subsidy	Up to ₹ 1.5 per unit
D. SGST reimbursement	100% for 7 years

Which of the above given pairs are correctly matched ?

- (1) A, B, C and D
- (2) A and C only
- (3) B and D only**
- (4) A and D only

- The eligibility is that the enterprise must be owned completely 100% by SC/ST
- The same incentives will be extended to eligible physically handicapped persons.

TELANGANA TEXTILE AND APPAREL POLICY 2017 (T-TAP)

- Creation of 5 new Textile/Apparel Parks
- Attract at least 5 new international and 50 domestic investments in the sector
- Generate additional employment opportunity for 3 lakh persons, of which at least 60% will be women
- Ensure that every handloom weaver increases his monthly earnings by 50%
- Ensure that every power loom in the state is modernized, and the income of each power loom worker increases by 30%
- Achieve textile and clothing exports from the state equivalent to at least 20% of the total value of textile and clothing produced within the state

TELANGANA TEXTILE AND APPAREL POLICY 2017 (T-TAP)

SGST Reimbursement: 100% Reimbursement of State Goods and Services Tax (SGST) for a period of 7 years from the date of commencement of commercial production to Micro and Small companies, limited to a maximum of INR 50 million.

107. Match the following in relation to the broad pillars of the Telangana Innovation Policy – 2016 :

<i>Name of Pillar</i>		<i>Pillar Number</i>
A. Human Capital	I.	One
B. Physical Infrastructure and Programme Management Capabilities	II.	Three
C. Funding Models and Capital	III.	Two
D. Engagement with Industry	IV.	Four

Choose the correct answer :

(1) A-III; B-IV; C-II; D-I

(2) A-I; B-II; C-IV; D-III

(3) A-II; B-I; C-III; D-IV

(4) A-II; B-III; C-I; D-IV



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Innovation Policy

- The **Innovation** Policy of the Government of Telangana is based around five broad pillars
 1. Developing physical infrastructure & program management capabilities
 2. Focus on creating sustainable funding models, through funds and other instruments
 3. Develop human capital, by creating the right environment and support systems for learning, experimentation and **innovation** from the early phases of education
 4. Proactive engagement with industry to continuously promote and identify **innovation**
 5. Encourage startups in the Rural and Social Enterprise space by providing additional incentives

E WASTE MANAGEMENT POLICY 2017

- India produces 13 Lakhs MT of e-Waste per annum with an annual growth rate of

106. Consider the following pairs :

- A. PM-MITRA Scheme : Related to improving transport facility
- B. Udyami Bharat Scheme : Related to MSMEs
- C. RAMP Scheme : Related to large scale manufacturing sector *MSME*
- D. Phase-II of FAME India : Related to giving push to electric vehicles in public transport

Which of the above given pairs are correctly matched ?

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

27. PM MITRA mega textile parks

- Telangana among seven states to get PM MITRA mega textile parks
- The parks would provide state-of-the-art infrastructure for the textiles sector and be a great example of 'Make in India' and 'Make For the World'

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94. Which of the following statements related to Soil Health Card Scheme of the Central Government are true ?

- A. This scheme was introduced in the year 2014 – 15.
- B. In Cycle-I of this scheme, around 10.74 crore cards have been issued to farmers.
- C. In Cycle-II of this scheme, around 12.47 crore cards have been issued to farmers.
- D. Under Model Village Programme, around 3 crore cards have been issued to farmers.

Choose the correct answer from the following :

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

*RFP
Free
Govt Scheme*



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Soil Health Card Scheme

- It was launched in 2015 in Rajasthan.
- The card informs farmers about nutrients status of the soils along with the recommendation on appropriate dosage of nutrients to improve soil health and fertility.
- The card will be issued **once in every 3 years** to a farm so that nutrients deficiency can be regularly detected and improved.
- Recently, the government has updated the funding pattern for soil health card scheme implemented by **Ministry of Agriculture** under National Mission for Sustainable Agriculture.

124. Consider the following pairs :

<i>Iron and Steel Plant</i>		<i>State</i>
A. Bhilai	:	Chhattisgarh
B. Bokaro	:	Jharkhand
C. Dolvi	:	Maharashtra
D. Daitari	:	Odisha

Identify the correctly matched pairs :

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

*class notes
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Rourkela Steel Plant



Bhilai Steel Plant

- The Bhilai Steel Plant was established with Russian collaboration in Durg district of Chhattisgarh.
- Iron ore comes from **Dalli-Rajhara** mine and coal from **Korba** and **Kargali** coal fields.
- Water comes from the Tanduladam and the power from the Korba Thermal Power Station.
- This plant also lies on the Kolkata-Mumbai railway route.

131

Which of the following statements about NISAR are correct ?

- A. It is an Earth-Observation satellite, jointly developed by the NASA and ISRO.
- B. It was envisioned by NASA and ISRO eight years ago in 2014.
- C. It is expected to be launched in January 2024 from Satish Dhawan Space Centre.
- D. It is a High Earth Orbit (HEO) observatory and will operate for a minimum of ten years.

Choose the correct answer :

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

T12 (Q45) previous SET
2018



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Aditya L1

- Aditya L1 shall be the first space based Indian mission to study the Sun.
- The spacecraft shall be placed in a halo orbit around the Lagrange point 1 (L1) of the Sun-Earth system, which is about 1.5 million km from the Earth.
- A satellite placed in the halo orbit around the L1 point has the major advantage of continuously viewing the Sun without any occultation/eclipses.
- This will provide a greater advantage of observing the solar activities and its effect on space weather in real time.
- The spacecraft carries seven payloads to observe the photosphere, chromosphere and the outermost layers of the Sun (the corona) using electromagnetic and particle and magnetic field detectors.

NISAR (NASA-ISRO Synthetic Aperture Radar)

- NISAR is a Low Earth Orbit (LEO) observatory being jointly developed by NASA and ISRO.
- NISAR will map the entire globe in 12 days and provide spatially and temporally consistent data for understanding changes in Earth's ecosystems, ice mass, vegetation biomass, sea level rise, ground water and natural hazards including earthquakes, tsunamis, volcanoes and landslides.

132. Match the following countries based on their ranks in World Happiness Report (WHR), 2023 :

<i>Country</i>	<i>Rank</i>
A. Iceland	I. Rank One
B. Israel	II. Rank Two
C. Finland	III. Rank Three
D. Denmark	IV. Rank Four
	V. Rank Five

Choose the correct answer :

- (1) A-II; B-I; C-IV; D-V
 (2) A-III; B-IV; C-I; D-II ✓
 (3) A-IV; B-II; C-III; D-V
 (4) A-II; B-III; C-I; D-IV

C-I

17. World Happiness Report 2022

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- ❑ Recently, the latest edition of the United Nations' World Happiness Report for the year 2022 was released.
- This report is issued annually by the United Nations' Sustainable Development Solutions Network.
- This report is a measurement of subjective wellbeing of 150 countries (146 in 2022). It relies on three main well-being indicators (life evaluations, positive emotions, and negative emotions), levels of GDP, life expectancy etc.
- Happiness rankings are based on life evaluations as the more stable measure of the quality of people's lives.
- It assigns a score on a scale of 0-10, based on an average of data over a three-year-period.
- **Findings** - This year (2022) marks the tenth anniversary of the World Happiness Report.
- For the fifth straight year, the World Happiness Report 2022 has found **Finland** to be the happiest country in the world.
- From the other end, **Afghanistan** was ranked as the unhappiest nation, followed by Lebanon, Zimbabwe, Rwanda and Botswana, respectively.
- **India**, meanwhile, saw a marginal improvement in its ranking, jumping three spots to 136, from 139 a year ago.
- **Russia and Ukraine**, currently at war with each other, have been ranked 80 and 98 respectively.
- The 2022 rankings, however, were compiled much before Russia launched invasion of its neighbour.

WORLD HAPPINESS REPORT (2022)

RANK	COUNTRY
1.	Finland
2.	Denmark
3.	Iceland
4.	Switzerland
5.	Netherlands
84.	Nepal
94.	Bangladesh
121.	Pakistan
127.	Sri Lanka
136.	India
146.	Afghanistan

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Source: United Nations Sustainable Development Solutions Network

136. Consider the following statements in relation to the G-20 :

- A. The G-20 was founded in 1999 as a forum for the Finance Ministers and Central Bank Governors.
- B. The G-20 was upgraded to the level of Heads of State/Government in 2010.
- C. The expanded agenda of G-20 includes trade, sustainable development, health, agriculture, energy, environment, climate change and anti-corruption.

Which of the above statements are correct ?

- (1) A, B and C
- (2) A and C only
- (3) A and B only
- (4) B and C only

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17th G20 Summit 2022

- **Why in News:**
- Recently, the 17th annual summit of G-20 was hosted by the Indonesian G20 presidency in Bali under the theme 'Recover Together, Recover Stronger'.

About G20

- **Formed in 1999**
 - Financial crisis of the late 1990s that hit East Asia and Southeast Asia in particular.

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- Mexican, Asian and Russian financial crises.
- **Objective:** Secure global financial stability by involving middle-income countries.
- G20 Summit is known as "Summit on Financial Markets and the World Economy".
- The first G20 Summit took place in 2008 in Washington DC, US.

G20 members



15. The sequence of geological composition from the depth to the surface of the Earth is :

(1) Inner core → Outer core → Mantle → Crust

(2) Crust → Mantle → Inner core → Outer core

(3) Mantle → Crust → Inner core → Outer core

(4) Outer core → Inner core → Crust → Mantle

Q8. Discontinuity Present between

- | | |
|----------------|----------------------------|
| 1. Mohorovicic | Lower Crust & Upper Mantel |
| 2. Repetti | Lower Mantel & Outer Core |
| 3. Gutenberg | Lower Crust & Upper Crust |
| 4. Lehman | Outer Core & Upper Mantel |

Which of the above pairs are correctly matched

- Only one pair
- Two pairs
- Three pairs
- All the above

Answer A

Explanation

Mohorovicic→Lower Crust & Upper Mantel

Repetti→ Lower Mantel & Upper Mantel

Gutenberg→Lower Mantel & Outer Core

Lehman→Outer Core & Inner Core



13. Match the following :

- | | | |
|--------------------|------|-------------------|
| A. Calciferol | I. | Beri beri |
| B. Thiamine | II. | Rickets |
| C. Cyanocobalamine | III. | Scurvy |
| D. Ascorbic acid | IV. | Pernicious anemia |
| | V. | Goitre |

Choose the correct answer :

- (1) A-V; B-III; C-I; D-IV
(2) A-II; B-I; C-IV; D-III
(3) A-II; B-IV; C-III; D-V
(4) A-IV; B-I; C-III; D-II



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Explanation

Nichrome is a family of alloys of nickel and chromium (and occasionally iron) commonly used as resistance wire, heating elements in devices like toasters, electrical kettles and space heaters

Q77. Consider the following statements

1. Vitamin A deficiency can cause vision loss and blindness.
2. Vitamin K deficiency can cause beriberi and Pellagra
3. Vitamin D deficiency *can lead to* osteoporosis.
4. Vitamin C *can lead to* scurvy

Which of the above are NOT correct

- a) 1 3 and 4 only
- b) 2 only
- c) 1 and 3 only
- d) 1 and 2 only

Answer B

Q126. Consider the following statements:

1. Scurvy is caused by deficiency of Vitamin D.
2. Deficiency of vitamin D causes a disease known as beri-beri.
3. Deficiency of calcium causes bone and tooth decay.

Which of the statement given above is/are correct?

- a) 1 only



- b) 1 and 2 only
- c) 2 and 3 only
- d) 3 only

Answer D

Explanation

Vitamins/ Mineral	Deficiency disease/disorder	Symptoms
Vitamin A	Loss of vision	Poor vision, loss of vision in darkness (night), sometimes complete loss of vision

28. Consider the following pairs :

- A. Electrostatic precipitator : Particulate matter
- B. Catalytic converter: Carbon monoxide and nitrogen oxides
- C. Terror of Bengal : Water hyacinth (*Eichhornia crassipes*)
- D. Biochemical oxygen demand (BOD) : Polluted water

Identify the correctly matched pairs :

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

From RRP

49. Which of the following can be used as an indicator of surface water pollution?

1. Eutrophication
2. Biochemical Oxygen Demand
3. Dissolved Oxygen
4. pH

Select the correct answer using the codes given below:

- a) 1 and 2 only b) 2 only
- c) 1, 2 and 4 only d) All of the above

Answer: D

Explanation:

- Eutrophication is an indicator of nutrient pollution caused by disposal of sewage and agricultural waste into water bodies.
- Biochemical Oxygen Demand (BOD) - It represents the amount of oxygen consumed by bacteria and other microorganisms while they decompose organic matter under aerobic (oxygen is present) conditions at a specified temperature. If the BOD level is higher than 3mg/L, the water is unfit for drinking.
- Dissolved Oxygen (DO) in surface water is used by all forms of aquatic life; therefore, this constituent typically is measured to assess the health of lakes and streams. Lower values of DO indicate pollution of a water body.
- Very high or low pH values are also symptomatic of pollution of water bodies.
- Anthropogenic activities can change water's pH, which in turn can harm animals and plants living in the water. For instance, water from an abandoned coal mine can have a pH of 2, which is very acidic.

27. Consider the following statements :

- A. National Technology Day is commemorated on May 11 every year as India successfully conducted nuclear tests in Pokhran.
- B. Agni-III is India's latest long range surface-to-surface nuclear capable ballistic missile system that was successfully tested in 2018.
- C. Mangalyaan was launched on 5th November, 2013 with the aim of studying the Moon's topography, morphology, mineralogy and atmosphere.
- D. U.R. Rao was the Chairman of the Indian Space Research Organisation when the first-ever Indian satellite Aryabhata was launched.

Identify the wrong statements :

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

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Q115. Which of the following missiles have been developed under the Integrated Guided Missile Development Programme?

- 1. Prithvi
- 2. Nag
- 3. Akash
- 4. Agni
- 5. Trishul
- 6. Brahmos

Select the correct answer using the code given below.

- (a) 1, 2, 3 and 6 only
- (b) 2, 4, 5 and 6 only
- (c) 1, 2, 3, 4 and 5
- (d) 3, 4 and 5 only

Answer C

Explanation



16. Consider the following :

Answer in Indian C.A class

- A. Gaganyaan : ISRO plans seven-day space tour with three gaganauts in 2023 for science and technology advancement.
- B. Vyommitra : A humanoid robot sent along with gaganauts to manage the environmental information.

Which of the above is/are correct ?

(1) Neither A nor B

(2) A only

(3) B only

(4) Both A and B

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Gaganyaan

- Gaganyaan, announced by the Prime Minister in August 2018, is the **₹10,000-crore Indian human space flight scheduled for 2022**. It is designed to have 3-7 crew members spend 3-7 days in space in a 400-km orbit.
- The first of the two pre-Gaganyaan flights with a humanoid will be launched in 2020-end along with some of the six shortlisted microgravity experiments.
- ISRO has already constituted an advisory committee for the Gaganyaan. ISRO has also identified four astronauts whose training will commence in Russia from January in 2020.



Chandrayaan-3 mission

GAGANYAAN MISSION

INDIA'S FIRST MANNED FLIGHT TO SPACE

The project was first approved by PM Narendra Modi on August 25, 2018.

It will send the three member crew to space for at least seven days by 2022.

ISRO hopes to deploy its biggest rocket, GSLV MK III, for this project.

It would be one of the cheapest manned spaceflights in the world, with the estimated cost of not more than ₹10000 crore.

India plans to call its astronauts "Vyomnauts" since 'Vyom' in Sanskrit means 'Space'.

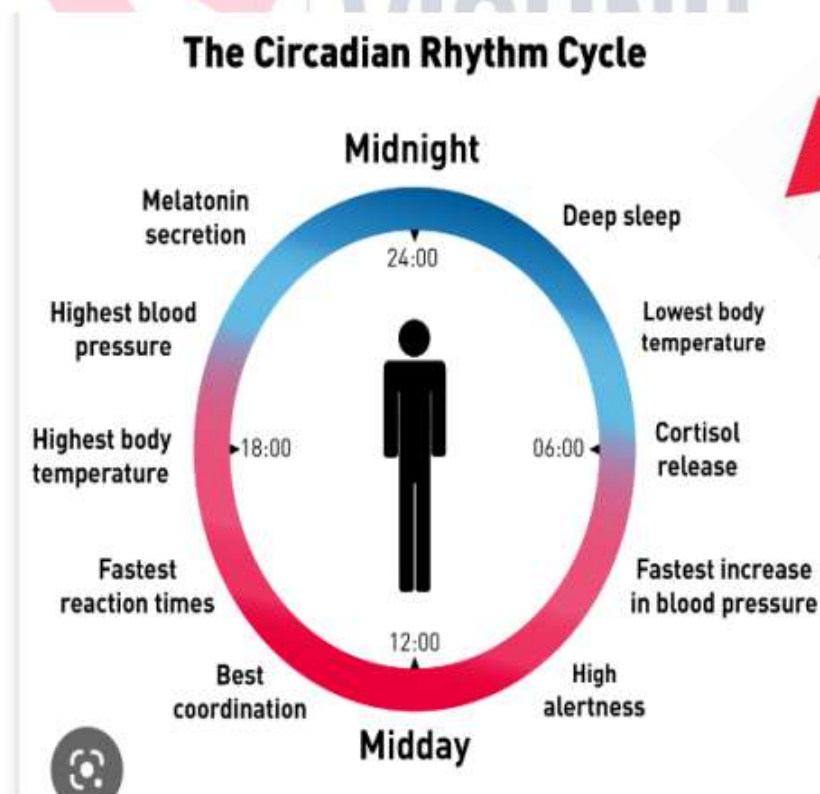
The space agency hopes to launch the first mission within 40 months from the date of approval.

India will become fourth country after Russia, US and China to send humans to space.

11. Consider the following statements :
- A. Circadian rhythm is endogenous rhythmic change in organism with a periodicity of 24 hours.
 - B. Biological clock regulates circadian rhythm.
 - C. Sleep and awake phases of humans are due to circadian rhythm.
 - D. Heart-beat of humans is an example of circadian rhythm.
- Which of the above statements are correct ?
- (1) A, B and C only
 - (2) A, B and D only
 - (3) A, C and D only
 - (4) B, C and D only

Biological clock

- Biological clock or **Circadian** rhythm is the 24-hour cycle that tells our bodies when to sleep, rise, and eat—regulating many physiological processes.
- Internal body clock is affected by environmental cues, like sunlight and temperature, and determines whether one feels wide-awake and energized or tired.
- Jeffrey C. Hall, Michael Rosbash, and Michael W. Young, who studied the molecular mechanisms controlling circadian rhythm, were awarded the 2017 Nobel Prize in the category of physiology or medicine.



9. Match the following with the corresponding nanomaterial used in it :

- | | | |
|-------------------------------|----------------|----------------|
| A. Sunscreen lotion | I | Nano silver |
| B. Textiles | II | Quantum dots |
| C. Optoelectronics | III | Titanium oxide |
| D. High-definition television | IV | Zinc selenide |
| | V. | Lithium oxide |

Choose the correct answer :

- (1) A-I; B-IV; C-III; D-II
(2) A-III; B-I; C-II; D-IV
(3) A-IV; B-II; C-III; D-V
(4) A-II; B-III; C-IV; D-V

Q108. Nano particles of Titanium dioxide is used in preparing

1. Smart drugs
2. Anti Bacterial Bandages
3. Sun screen lotions
4. Scratch resistant glass windows

Codes

- a) 1 and 3 only
- b) 3 only
- c) 1 2 and 4 only
- d) 2 3 and 4 only

Answer B

Explanation

Titanium dioxide is a metal commonly found in plants and animals. It naturally interacts with oxygen to form titanium oxides, commonly found in ores, indigenous dust, sands, and soils. Many people are familiar with titanium dioxide as an active ingredient in sunscreen, where it works as a UV filtering ingredient to help block the sun's ultraviolet light that can cause sunburn and is linked to skin cancer.



Q108. దేని తయారీలో టైటానియం డయాక్సైడ్ యొక్క నాన్ కణాలను ఉపయోగిస్తారు?

1. స్పార్ట్ డ్రగ్స్
2. యాంటీ బ్యాక్టీరియా బాండ్జీలు
3. శరీర లేపనాలు
4. పగుళ్లు లేని గాజు కిటికీలు కోడ్ లు:

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



68. What is the missing term in the following series ?

ANBO, _____, DQER, FSGT

- (1) CPBO
- (2) CPDQ
- (3) CRGT
- (4) CPRS

Q31. SCD, TEF, UGH, _____, WKL

- a. CMN
- b. UJI
- c. VIJ
- d. IJT

Answer C

Explanation

There are two alphabetical series here. The first series is with the first letters only: STUVW. The second series involves the remaining letters: CD, EF, GH, IJ, KL.



63. Two statements followed by four conclusions numbered I, II, III and IV are given below. Read the statements carefully and then decide which of the given conclusions logically follows the given statements, disregarding the commonly known facts.

Statements :

No tiger is elephant.

All elephants are lions.

Conclusions :

I. Some lions are tigers.

II. All lions are tigers.

III. Some lions are elephants.

IV. Some lions are not elephants.

(1) Only conclusions II, III and IV follow

(2) Only conclusions I and II follow

(3) Only conclusions I, II and III follow

(4) Only conclusions III and IV follow

Q32. Statements:

Some actors are singers. All the singers are dancers.

Conclusions:

1. Some actors are dancers.

2. No singer is an actor.

a. Only (1) conclusion follows

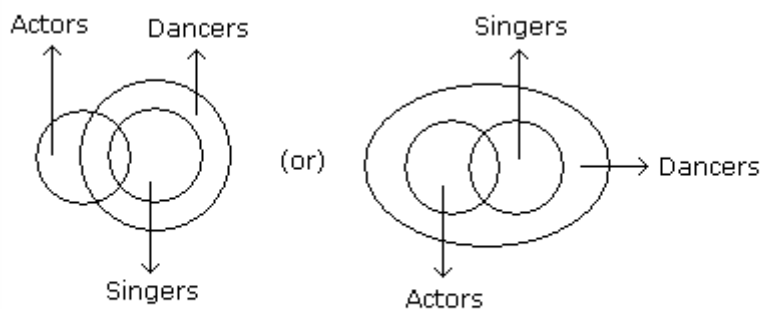
b. Only (2) conclusion follows

c. Either (1) or (2) follows

d. Neither (1) nor (2) follows

Answer A

Explanation



Only (1) follows.

86. As per the Transgender Persons (Protection of Rights) Act, 2019, who among the following can issue the certificate of identity for a transgender person ?

- (1) The elected Sarpanch of the village or the Chairperson in case of Municipality
- (2) The Chief Medical Officer of the area hospital
- (3) The Medical Superintendent of the area hospital
- (4) The District Magistrate

Rights of Transgenders

- As per the 2011 Indian Census, the total count of transgender people in India is about 4.88 lakh.
- **Definition of a transgender person:** A transgender person as one whose gender does not match the gender assigned at birth.
- It includes trans-men and trans-women, persons with intersex variations, gender-queers, and persons with socio-cultural identities, such as kinnar and hijra.
- Intersex variations is defined to mean a person who at birth shows variation in his or her primary sexual characteristics, external genitalia, chromosomes, or hormones from the normative standard of male or female body.
- The Transgender Persons (Protection of Rights) Bill, 2019 was enacted by Parliament for the protection of transgender's. This act provides for NCT.

National Council for Transgender persons (NCT): The NCT will consist of:

- i. Union Minister for Social Justice (Chairperson)
 - ii. Minister of State for Social Justice (Vice- Chairperson)
 - iii. Secretary of the Ministry of Social Justice
 - iv. one representative from ministries including Health, Home Affairs, and Human Resources Development.
- Other members include representatives of the NITI Aayog, and the National Human Rights Commission. State governments will also be represented.
 - The Council will also consist of five members from the transgender community and five experts from non-governmental organizations.



82. Gender equality contributes to

- A. Achieving peaceful and resilient communities
- B. Sustainable development
- C. Economic growth
- D. Women dominance — *Negative*

Which of the above are correct ?

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

- **Definition:** Financial Inclusion stands for delivery of appropriate financial services at an affordable cost, on timely basis to vulnerable groups such as low-income groups and weaker sections who lack access to even the most basic banking services.
- Financial access facilitates day-to-day living, and helps families and businesses plan for everything from long-term goals to unexpected emergencies.
- Financial inclusion has a multiplier effect in boosting overall economic output, reducing poverty and income inequality, and in promoting **gender equality** and women empowerment.
- It is important as it provides an avenue to the poor for bringing their savings into the formal financial system, an avenue to remit money to their families in villages besides taking them out of the clutches of the usurious money lenders.
- Financial inclusion is a major step towards inclusive growth which ensures the overall economic development of the marginalized sections of the society.

87. Consider the following statements on Tribal Sub-Plan (TSP) :

- A. Tribal Sub-Plan came into existence in 1974 - 75.
- B. After the merger of Plan and Non-Plan, the TSP was renamed as Scheduled Tribe Component (STC) by the Ministry of Tribal Affairs *Final*
- C. State Governments have to earmark TSP funds in proportion to ST population (Census 2011) in the State with respect to Total State Plan.
- D. In FY 2018 - 19, the monitoring of STC plan was given to Ministry of Tribal Affairs.

Which of the above statements are correct ?

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

Q2. Consider the following statements

- Tribal sub plan came into existence in 1974-1975 as a strategy for the development of areas having the tribal concentration
- Monitoring of the tribal sub-plan was done by the Ministry of tribal affairs.

Choose the correct answer :

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

Answer C

108. Which of the following statements related to Rythu Bandhu Scheme of Telangana State is/are correct ?

- A. In 2020 - 21 Telangana budget, 65.4% ²² of agricultural budget was earmarked for Rythu Bandhu Scheme.
- B. In 2020 - 21 Telangana budget, 7.7% ^{7.0} of total budget was earmarked for Rythu Bandhu Scheme.

C. Telangana government launched Rythu

1) కింది వాటిలో సరైన వ్యాఖ్యను గుర్తించండి.

- రైతు బంధు పథకాన్ని 2018-19 ఖరీఫ్ సీజన్ లో మే 10వ తేదీన ప్రారంభించారు.
- 2023-24 తెలంగాణ బడ్జెట్ లో రైతు బంధు పథకానికి రూ. 11,704 కోట్లు కేటాయించారు.
- 2018 నుంచి 2022 మధ్య కాలంలో లబ్ధి పొందిన రూతుల్లో బీసీలు 53%, ఎస్సీలు 15%, ఎస్టీలు 10%, ఇతరులు 22%.

కింది వాటిలో సరైన జవాబును గుర్తించండి:

1) consider the following statements

- The Rythu Bandhu scheme was launched on 10th May in the Kharif season 2018-19.
- In the Telangana budget of 2023-24, Rs. 11,704 crores have been allocated.
- Between 2018 and 2022, BCs accounted for 53%, SCs 15%, STs 10% and others 22%.

Which of the statements given above are correct?

1. Only A is correct. 1. A మాత్రమే సరైనది
2. Both A and B are correct. 2. A, B సరైనవి
3. Only B and C are correct. 3. B, C మాత్రమే సరైనవి
4. All three A, B and C are correct. 4. A, B, C మూడూ సరైనవి.

138. Consider the following statements of Kakatiya period :

- The usual way of representing the people in general during the Kakatiya period is by mentioning them as 'Ashtadasapraja'.
- People of this period led a corporate life.
- During Kakatiya period individual castes organized their corporate associations called 'Samayachara' to look after their well-being.
- The Brahmin villages were organized

Q33. During the Kakaliya period, villages used to be governed by which of the following system?

a) Narvadi system

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- b) Natavadi system
- c) Reddika system
- d) Ayagar system

Answer D

Explanation

The Ayagar system was an important feature of the village organization in Kakaliya and Vijayanagar Empire. In the Ayagar system, each village was organized as an independent unit for the operation of rural administration and 12 officers were appointed for their operation, which were collectively called Ayangars.



31. Consider the following in relation to the MGNREGA :

- A. Wage seekers are the primary stakeholders of the MGNREGA.
- B. The Field Officer recommends the works to be taken up under MGNREGA.
- C. Gram Sabha conducts social audit on implementation of the scheme.

Which of the above statements is/are correct ?

- (1) C only
- (2) A and B only
- (3) A and C only
- (4) A, B and C

Discussed in Govt schemes

Q3. According to the Right to information Act 2005, every public authority should publish the following :

- 1) The particulars of its organisation, functions and duties.
- 2) The powers and duties of its officers and employees.
- 3) The norms set by it for the discharge of its functions.
- 4) A directory of its officers and employees along with the monthly remuneration received by each.

Select the correct answer.

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) 1 2 3 and 4

Answer D

Explanation

32. Which of the following is **not** matched correctly in relation to the year of enacting ?

- 20 (1) 2012 : The National Food Security Act
- (2) 2005 : The Right to Information Act
- (3) 2005 : The MGNREG Act
- (4) 2009 : The RTE Act

In relation to the organisational framework of the NITI Aayog, which of the following is **not** matched correctly ?

- (1) Chief Executive Officer : Appointed by the President for a three-year tenure
- (2) Chairperson : Prime Minister of India
- (3) Part-time Members : Maximum Two
- (4) Ex-officio Members : Maximum Four

NITI AAYOG REPORT

FACTS FROM NITI AAYOG REPORT

- India's total workforce of about 52 crore, agriculture employed nearly 49 per cent while contributing only 15 per cent of the GVA. Comprehensive modernization of agriculture and allied sectors are needed urgently.
- In contrast, only about 29 per cent of China's workforce was employed in agriculture.
- Industry and services accounted for 13.7 and 37.5 per cent of employment while making up for 23 per cent and 62 per cent of GVA, respectively.
- To raise the rate of investment (gross fixed capital formation as a share of GDP) from about 29 per cent in 2017-18 to about 36 per cent of GDP by 2022-23.



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35. The services of Health and Wellness Centres (HWCs) under Ayushman Bharat include :

- A. Care in pregnancy and childbirth
- B. Management of Communicable Diseases
- C. Basic Oral Health Care
- D. Screening and basic management of mental health ailments

Choose the correct answer :

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

logical



Ayushman Bharat Programme

- ABY or National Health Protection Mission is a national initiative launched in order to achieve the vision of Universal Health Coverage
- It comprises of two inter-related components
 1. Establishment of Health and Wellness Centre
 2. Pradhan Mantri Jan Arogya Yojana (PMJAY)
- **Health and Wellness Centre** - National Health Policy, 2017 envisioned Health and Wellness Centres as the foundation of India's health system.
- Under this, 1.5 lakh centres will bring health care system closer to the homes of people.
- The centres will provide comprehensive health care, including for non-communicable diseases and maternal and child health services.
- These will also provide free essential drugs and diagnostic services.
- First 'health and wellness centre' has been inaugurated in Bijapur district in Chhattisgarh.

49. Who among the following were the members of the Constituent Assembly of India ?

- A. Amarnjit Kaur *Amrit Kaur*
- B. Begum Aizaz Rasul
- C. Hansa Jivraj Mehta
- D. Kamala Mukherjee *Kamala Chaudhary*
- E. Renuka Ray

Choose the correct answer :

- (1) B, C, D and E only
- (2) A, B, D and E only
- (3) A, C and D only
- (4) B, C and E only

Q77. With respect to the Women Members of the Constituent Assembly, consider the following statements:

1. There were 15 women in the Constituent Assembly when it was formed in 1946, representing various religions, regions & sections of society.
2. Shrimati Durgabai Deshmukh represented the interests of the people

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of non-Hindi-speaking areas on the question of the national language.

3. Raj Kumari Amrit Kaur became independent India's first Health Minister.

4. Hansa Mehta of Bombay demanded separate electorates for women as a part of social, economic and political justice.

Which of the above statements are correct?

- a. 1, 2 and 3 only
- b. 1, 3 and 4 only
- c. 2, 3 and 4 only
- d. 1, 2, 3 and 4



51. Which of the following is **not** an appellate jurisdiction of the Supreme Court of India ?

- (1) Criminal cases, irrespective of any constitutional question
- (2) Cases involving disputes between two or more States
- (3) Cases involving interpretation of the Constitution
- (4) Civil cases, irrespective of any constitutional question

Original Jurisdiction

2. 1

- 223. Appointment of acting Chief Justice
- 224. Appointment of additional and acting judges
- 224A. Appointment of retired judges at sittings of High Courts
- 132. Appellate jurisdiction of Supreme Court in appeals from High Courts in certain cases
- 133. Appellate jurisdiction of Supreme Court in appeals from High Courts in regard to civil matters
- 134. Appellate jurisdiction of Supreme Court in regard to criminal matters
- 134A. Certificate for appeal to the Supreme Court
- 225. Jurisdiction of existing High Courts



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52. Consider the following : *directives*
- A. The prevention of concentration of wealth to the common determinant
 - B. The protection of childhood and youth against exploitation
 - C. Adequate means of livelihood to all citizens
 - D. A proper distribution of the material resources of the community for common good

The above aspects are part of the :

- (1) Fifth Schedule of the Constitution
- (2) Fundamental Rights of the Constitution
- (3) Directive Principles of the Constitution
- (4) State List of the Constitution

Q91. consider the following

- Article 21A
- Article 39
- Article 45

Which of the following articles are related to children and their welfare

- 1 only
- 2 and 3 only
- 3 only
- 1 2 and 3

Answer D

Explanation

The Constitution (Eighty-sixth Amendment) Act, 2002 inserted Article 21-A in the Constitution of India to provide free and compulsory



58. The TSR Subramanian Committee (2014) is associated with which of the following ?

- (1) Review the process, laws and acts of the Ministry of Human Resource Development
- (2) Indian efforts to counter internal and external terrorism
- (3) Review the processes, laws and acts of the Ministry of Environment, Forests and Climate Change
- (4) Dissolution of the Muslim Marriage Act

Q126. The TSR Subramanian Committee (2014) is associated with which of the following ?

- a) India's efforts to counter internal and external terrorism

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- b) Review the processes, laws and acts of the Ministry of Environment, Forest and Climate Change
- c) Dissolution of muslim marriage act
- d) Review the processes, laws and acts of the Ministry of Human Resources Development

Answer B

Explanation

The TSR Subramanian Committee headed by Shri TSR Subramanian today submitted its report to Shri Prakash Javadekar, Minister for Environment, Forests and Climate Change. The Committee was constituted to review the processes, laws and Acts of the Ministry. Speaking on the occasion, Shri Javadekar said that the

57. Match the following Articles of the Constitution with their respective provisions :

<i>Article</i>	<i>Provision</i>
A. Article-19	I. Freedom to manage religious affairs subject to public order
B. Article-21	II. Prohibition of traffic in human beings and forced labour
C. Article-23	III. Protection of certain rights regarding freedom of speech
D. Article-26	IV. Protection against arrest and detention in certain cases
	V. Protection of life and personal liberty

Choose the correct answer :

- (1) A-V; B-II; C-I; D-III
- (2) A-III; B-V; C-II; D-I
- (3) A-IV; B-III; C-I; D-II
- (4) A-V; B-IV; C-II; D-III



Q8. Consider the following

1. Freedom of commercial advertisements
2. Freedom of silence
3. Right to telecast
4. Right against telephonic tapping
5. Right to strike.

Which of the above are rights under Article 19

- a) 1 2 3 and 4 only
- b) 2 3 and 5 only
- c) 1 2 4 and 5 only
- d) 3 4 and 5

Answer A

Explanation

Freedom of Speech and Expression

It implies that every citizen has the right to express his views, opinions, belief and convictions freely by word of mouth, writing, printing, picturing or in any other manner.

The Supreme Court held

that the freedom of speech and expression includes the following: (a) Right to propagate one's views as well as views of others. (b) Freedom of the press.

(c) Freedom of commercial advertisements. (d) Right against tapping of telephonic conversation.

(e) Right to telecast, that is, government has no monopoly on electronic media.

(f) Right against bundh called by a political party or organisation. (g) Right to know about government activities.

(h) Freedom of silence.

Q93. మత హక్కుకు సంబంధించి కింది అంశాలను పరిశీలించండి.

1. ఆర్టికల్ 25: మానసిక స్వేచ్ఛ, స్వేచ్ఛా ఆచరణ, మత ఆచరణ, ప్రచారం వ్యక్తిగత మత స్వేచ్ఛ నిర్వచనం పరిధిలోకి వస్తాయి.



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2. ఆర్థికల్ 26: మతపరమైన వ్యవహారాలను నిర్వహించే స్వేచ్ఛ. ఇది సామూహిక స్వేచ్ఛకు నిర్వచనం.
 3. ఆర్థికల్ 27: కొన్ని విద్యాసంస్థల్లో మతపరమైన బిడ్డలను లేదా మతపరమైన ఆరాధనకు హాజరయ్యే స్వేచ్ఛ.
- పై వ్యాఖ్యల్లో ఏవి సరైనవి?
- a) 1 3 మాత్రమే
 - b) 1 2 మాత్రమే
 - c) 2 3 మాత్రమే
 - d) 1, 2, 3

6. Arrange the following events in chronological order from earliest to latest :

- A. Rio Earth Summit - 1992
- B. Sendai Framework for Action - 2015
- C. Hyogo Framework for Action - 2005
- D. Yokohama Strategy - 1994

Choose the correct order :

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

Q18. Which Indian state is first to follow the recommendations and exercises mentioned under Sendai Framework agreement?

- a) Uttar Pradesh
- b) Chattisgarh
- c) Madhya Pradesh
- d) Bihar

Answer D

Explanation:

Bihar is the first to follow the recommendations and exercises mentioned under Sendai Framework agreement. The Sendai Framework for Disaster Risk Reduction is an international document that was adopted by the United Nations member states between 14 and 18 March 2015 at the World Conference on Disaster Risk Reduction held in Sendai, Japan and endorsed by the UN General Assembly in June 2015. Following the Sendai Framework agreement, the state government of Bihar has prepared a 15-year Disaster Risk Reduction (DRR) road map. In Bihar, out of the 38 districts, 28 are flood prone. As regards earthquake, 8 districts fall in Seismic Zone V, 24 in Zone IV and 6 in Zone III.

2. Which of the following is **not** a geological hazard ?
- (1) Volcano eruption (2) Mine fire
(3) Tropical cyclone (4) Tsunami

Q19. Out of these which is the aquatic type of disaster?

1. Tidal waves
2. Bacterial and viral diseases
3. Landslides
4. Thunderstorms
5. Cyclones

Codes

- a) 1 and 3 only
- b) 1 2 and 4 only
- c) 1 3 4 and 5 only
- d) 1 and 5 only

Answer D

Explanation

Tidal waves are phenomena seen most at coastal areas. A majority of tsunamis (80%) occur in

3. Consider the following statements :

A. The National Disaster Management Act was enacted in 2005.

B. The National Disaster Management Authority (NDMA) is headed by the Prime Minister.

C. State Disaster Management Authority (SDMA) is headed by the Chief Minister.

Which of the above statements is/are correct ?

- (1) A, B and C (2) A only
(3) B only (4) A and B only

4. The following three important global events took place in 2015:

- A. Paris Agreement on Climate Change, Paris
- B. The Third International Conference on Financing for Development, Addis Ababa
- C. Adoption of Sustainable Development Agenda, New York

Choose the correct order of their occurrence:

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

1. IPCC'S SIXTH ASSESSMENT REPORT: PART III:

- Why in news?
- The Intergovernmental Panel on Climate Change (IPCC) recently released the Synthesis report - final report of the sixth assessment cycle of the UN panel.
- The fourth and final instalment of the sixth assessment report (AR6) by the Intergovernmental Panel on Climate Change
- The 6th Assessment Report (AR6) assesses:
 - Scientific, technical, and socio-economic information concerning climate change.
 - What is IPCC?
 - The IPCC is the UN body for assessing the science related to climate change.
 - It was set up in 1988 by the World Meteorological Organization and United Nations Environment Program.
 - Headquarter: Geneva, Switzerland.
- What is the Assessment Report of IPCC? What is this report? It is the most comprehensive evaluations of the state of the earth's climate.
- How many reports so far?
 - So far five reports have been released (1990, 1995, 2001, 2007 and 2015).
 - Note: The **Paris Agreement**, negotiated on the basis of the Fifth Assessment Report.
- Sixth assessment report:
 - First instalment report: August 2021

106. Consider the following pairs :

- A. PM-MITRA Scheme : Related to improving transport facility
- B. Udyami Bharat Scheme : Related to MSMEs
- C. RAMP Scheme : Related to large scale manufacturing sector *MSME*
- D. Phase-II of FAME India : Related to giving push to electric vehicles in public transport

Which of the above given pairs are correctly matched ?

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

Q101. Consider the following

1. Tamil Nadu
2. Telangana
3. Gujarat
4. Karnataka
5. Madhya Pradesh
6. Uttar Pradesh and
7. Maharashtra

In which of the above states 7 PM Mega Integrated Textile Regions and Apparel (PM MITRA) Parks have been announced

- a) 1 2 3 4 and 5 only
- b) 2 3 4 5 and 7 only
- c) 1 4 5 6 and 7 only

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102. To increase the availability and reduce cost of fertilisers, the Central Government introduced 'One Nation, One Fertiliser' under
- (1) 'Samaikya Bharat' brand name
 - (2) 'Bharat' brand name
 - (3) 'Vishala Bharat' brand name

67. With reference to the One Nation One Fertiliser Scheme, consider the following statements:

1. Under the scheme, all fertiliser companies, State Trading Entities and Fertiliser Marketing Entities will be required to use a single "Bharat" brand for fertilisers and logo under the Pradhan Mantri Bhartiya Janurvarak Pariyojna (PMBJP).
2. PMBJP is the Centre's fertiliser subsidy scheme.

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

Answer: c

Explanation:

One Nation One Fertiliser Scheme

- Under the scheme, all fertiliser companies, State Trading Entities and Fertiliser Marketing Entities will be required to use a single "Bharat" brand for fertilisers and logo under the Pradhanmantri Bhartiya Janurvarak Pariyojna (PMBJP).
- PMBJP is the Centre's fertiliser subsidy scheme.
- The single brand name for UREA, DAP, MOP and NPKS etc. would be BHARAT UREA, BHARAT DAP, BHARAT MOP and BHARAT NPK respectively.
- Also, a logo indicating Fertiliser subsidy scheme namely Pradhanmantri Bhartiya Janurvarak Pariyojna will be used on said fertiliser bags.
- Under the scheme, companies are allowed to display their name, brand, logo and other relevant product information only on one-third space of their bags.
- On the remaining two-thirds space, the "Bharat" brand and Pradhanmantri Bharatiya Jan Urvarak Pariyojna (PMBJP) logo will have to be shown.
- The scheme is aimed at bringing about uniformity in fertiliser brands across the country under the single brand name of 'Bharat'.



99. Arrange the following programmes/schemes in chronological order based on launching/implementation year of these programmes/schemes :

- A. Pradhan Mantri Awas Yojana (Urban)
- B. PM Street Vendor's AtmaNirbhar Nidhi — 2020
- C. Deendayal Antyodaya Yojana – National Rural Livelihoods Mission
- D. Pradhan Mantri Jan Dhan Yojana 2011 2014

Choose the correct answer from the following :

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

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Digital India Mission

- Transforming into digitally empowered society; CSCs for delivery
- Nine pillars – Broadband Highways, Universal Access to mobile connectivity, public internet access programme, e-Governance, e-kranti: NEGP 2.0, Information for all, Electronics Manufacturing, IT for Jobs, Early harvest Programmes
- 3 core components – digital infrastructure, delivering services digitally, literacy
- National Broadband Mission – Rasht Riya Broadband Abhiyan
- National Digital Grid through National Fibre Authority
- Creating Broadband Readiness Index
- Software Teechnology park Scheme – 100% export oriented; 100% foreign equity permitted

Housing and Urban Infrastructure

- 31% of total Population in Urban areas (census 2011)
- Construction sector 8.2% to GDP
- Pradhan Mantri Aawas Yojana (URBAN) (PMAY(U))



44. Which of the following statements is/are correct ?

- A. Arya Samaj was started in 1875 by Swami Dayanand Saraswati.
- B. Vivekananda condemned rituals and superstitions.
- C. The theosophists advocated the revival and strengthening of Hinduism.
- D. In 1920s, Akali Movement was started to purify Sikh Gurudwaras in Punjab.

Choose the correct answer :

(1) A, B, C and D

(2) A, B and C

(3) A, B and D

(4) B, C and D

Q49. కింది వాటిలో ఏది ముందుగా జరిగింది?

- a) స్వామి దయానంద ఆర్య సమాజాన్ని స్థాపించారు.
- b) దీనబంధు మిత్ర 'నీల దర్పణ్' రచించారు.
- c) బంకించంద్ర చటర్జీ 'ఆనందమఠ' రచించారు.
- d) సత్యేంద్రనాథ్ ఠాగూర్ ఐసీఎస్ పరీక్షలో విజయం సాధించిన మొదటి భారతీయుడిగా నిలిచాడు.



37. Which among the following pairs is *not* correctly matched?

- A. Somnath Temple : Solankis
- B. Kandariya Mahadeva Temple : Chauhans
- C. Aihole Temple : Badami Chalukyas
- D. Konark Temple : Chandelas

- (1) A and D only
- (2) A and B only
- (3) B and C only
- (4) B and D only

Q70. Consider the following statements about the Konark temple:

1. The temple is a representation of the Sun God's chariot.
2. It was constructed during the reign of the Pala dynasty.
3. The temple is called White Pagoda.

Which of the statements given above is/are correct?

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

Answer A



Q15. Consider the following statements:

1. The Chalukyan style originated in Aihole around the 10th century A.D.
2. The Durga temple of Aihole is an important Chalukyan style temple.

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3. The Chalukyan artists experimented with different styles, blended the Indo- Aryan Nagara and the Dravidian styles.

Which of the statements given above is/are correct?

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

Answer B

142. Match the following ocean currents and their location/type :

<i>Ocean Current</i>	<i>Location / Type</i>
A. Benguela current	I. Warm current
B. Kuroshio current	II. Cold current
C. North Atlantic Drift	III. Pacific Ocean
D. Agulhas current	IV. Indian Ocean

Choose the correct answer :

- (1) A-II; B-III; C-I; D-IV
- (2) A-II; B-III; C-IV; D-I
- (3) A-III; B-IV; C-I; D-II
- (4) A-IV; B-III; C-I; D-II

(value) ship have to discharge or load the cargo or to embark or passengers.

Q60. Which one of the following pairs is NOT correctly matched?

- Kuroshio: Warm ocean current
- Labrador : Warm ocean current
- Benguela: Cold ocean current
- Oyashio : Cold ocean current

Answer B

Explanation

The Kuroshio is a relatively warm ocean current with an average surface temperature of about 24 °C

The Labrador Current is a cold current in the North Atlantic Ocean from the Arctic Ocean south along the coast of Labrador

The Benguela Current is the broad, northward flowing ocean current in the eastern portion of the South Atlantic Ocean gyre.

Oyashio also known as Oyashio Current or the Kurile current.

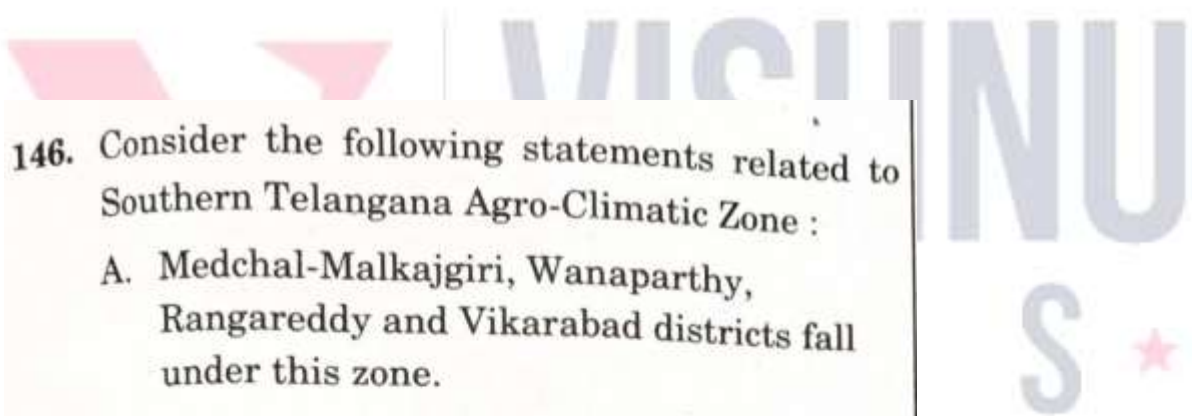


146. Consider the following statements related to Southern Telangana Agro-Climatic Zone :

- A. Medchal-Malkajgiri, Wanaparthy, Rangareddy and Vikarabad districts fall under this zone.
- B. The annual rainfall (June to May) ranges from 610 to 850 mm. Minimum and maximum temperatures during summer range between 32°C – 38°C.
- ~~C. This zone is predominantly underlain by Alluvial soils.~~

Which of the above statements are correct ?

- (1) A, B and C
- (2) A and B only
- (3) B and C only
- (4) A and C only



Q92. What of the following are agricultural climate zones in Telangana?

1. North Telangana Mandal
2. Central Telangana Mandal
3. South Telangana Mandal

Codes

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

Answer: C

Explanation

- North Telangana Mandal: This mandal includes Adilabad, Nirmal, Kumuram Bhim Asifabad, Jagityala, Manchiryala, Peddapalli, Karimnagar, Rajanna Sirisilla, Nizamabad and Kamareddy districts.
- Central Telangana Mandal: This mandal includes Sangareddy, Medak, Siddipet, Janagam, Hanmakonda, Warangal, Mahabubabad, Bhadradi Kothagudem, Khammam and Jayashankar Bhupalnalli districts.

139. Identify the top three districts with highest share of forest area to their total geographical area in Telangana State (2020 – 21).

- (1) Bhadradi Kothagudem, Kumuram Bheem Asifabad and Adilabad
- (2) Mulugu, Jayashankar Bhupalpally and Kumuram Bheem Asifabad
- (3) Mulugu, Bhadradi Kothagudem and Kumuram Bheem Asifabad
- (4) Mulugu, Kumuram Bheem Asifabad and Bhadradi Kothagudem

and Lakshmi, swamps in North East India. They are part of natural vegetation in India.

Q97. Arrange the following districts based on their percentage of forest area coverage in descending order:

1) Bhadradi-Kothagudem

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2) Jayashankar-Bhupalapalli

3) Mulugu

4) Kumuram Bheem

Select the correct answer:

a) 2 1 4 3

b) 3 1 4 2

c) 3 2 1 4

d) 1 4 3 2

Answer B

Explanation

24 per cent of the forest area under the management of the State Forest Department (SD) only 15 per cent of the area has good forest cover.

That apart, one-third of the total forest area of the State is located in two districts, namely, Jayashankar-Bhupalapally and Bhadradi- Kothagudem.

Only four districts Jayashankar- Bhupalapally, Bhadradi- Kothagudem, Nagarkurnool and Kumuram Bheem- Asifabad districts together account for more than 50 per cent of the total forest area.

141 Consider the following statements related to IT industry in Telangana :

- A. During 2014 – 15, the IT exports from Telangana were worth ₹ 66,276 crore which almost tripled to ₹ 1,83,569 crore by 2021 – 22.
- B. Through the Growth in Diversity policy, the Government provides special incentives to the companies that expand or set up their IT units beyond the western part of Hyderabad.

Which of the above statements is/are correct ?

- (1) Neither A nor B
(2) A only
(3) B only
(4) Both A and B

not available

Q46. With regard to the GRID policy of the Government of Telangana, which of the following statements are correct?

1. As per the Telangana government, it is Growth in dispersion (GRID)' policy.
2. The government provides special incentives to the companies that set up their units beyond Hyderabad.
3. Special incentives will be provided if they set up their units beyond the western part of Hyderabad.

Select the correct answer:

- a. 1 and 2 only
- b. 1 2 and 3
- c. 2 and 3 only

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d. 3 only

Answer B

Explanation

More than 300 small and medium IT companies are evincing interest to shift their units in the IT parks proposed in non-western locations of Hyderabad city as part of the State government's Growth in Dispersion (GRID) policy. more companies are evincing interest to relocate to non-western parts of the city in the aftermath of the COVID-19 pandemic, in a bid to avail the government incentives as well as reduce operational costs.

149. Consider the following statements regarding Ken-Betwa River Link Project (KBLP) for irrigation :

- A. It is critical for the water security and socio-economic development of Purvanchal region of Uttar Pradesh.
- B. The project involves the transfer of water from the Betwa to the Ken River through the construction of Daudhan Dam.

Which of the above statements is/are correct ?

- (1) Neither A nor B
- (2) A only
- (3) B only
- (4) Both A and B

Q67. Recently the Cabinet has given nod to the first project under the National Perspective Plan for interlinking of rivers. It envisages transferring water from

- Cauvery to Tungabhadra
- Godavari to Krishna
- Ken to Betwa
- Narmada to Tapi

Answer C

Explanation

Ken-Betwa River interlinking project: Ken-Betwa River interlinking project is the first project under the National Perspective Plan for interlinking of rivers. It envisages transferring water from the Ken River to the Betwa River, both tributaries of the Yamuna



121. Consider the following statements in relation to the RBI's working paper "States' Fiscal Performance and Yield Spreads on Market Borrowings in India", released in January 2023 :

- A. The average debt to Gross State Domestic Product (GSDP) of Telangana from 2014 – 15 to 2018 – 19 was 16.1 per cent.
- B. The States' percentage of Own Revenue Generation in Total Receipts is deteriorating fast.

Which of the above statements is/are correct ?

- (1) Neither A nor B
- (2) A only
- (3) B only
- (4) Both A and B



Q102. Consider the following statements regarding Telangana GSDP growth at constant prices

- 1. The growth rate 2022-23 year GSDP is higher than the growth rate of 2021-22.
- 2. The value of 2022-23 year GSDP is higher than the value of 2021-22

Which of the following statements is /are NOT correct

- a) 1 only
- b) 2 only
- c) 1 and 2 only
- d) None

Answer-a

Explanation-

117. Which of the following statements about NISAR are correct ?

- A. It is an Earth-Observation satellite, jointly developed by the NASA and ISRO.
- B. It was envisioned by NASA and ISRO eight years ago in 2014.
- C. It is expected to be launched in January 2024 from Satish Dhawan Space Centre.
- D. It is a High Earth Orbit (HEO) observatory and will operate for a minimum of ten years.

Choose the correct answer :

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

Q45. Consider the following statements

- NISAR is an Earth-observation satellite.
- It is Jointly developed by the National Aeronaut Administration (NASA) and the Indian Space Research Org

Which of the given above statements are NOT correct?

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

Answer D



93. Consider the following statements in relation to the G-20 :

- A. The G-20 was founded in 1999 as a forum for the Finance Ministers and Central Bank Governors.
- B. The G-20 was upgraded to the level of Heads of State/Government in 2010.
- C. The expanded agenda of G-20 includes trade, sustainable development, health, agriculture, energy, environment, climate change and anti-corruption.

Which of the above statements are correct ?

- (1) A and C only
- (2) A and B only
- (3) A, B and C
- (4) B and C only

17th G20 Summit 2022

- **Why in News:**
- Recently, the **17th annual summit of G-20** was hosted by **the Indonesian G20 presidency in Bali** under the theme **'Recover Together, Recover Stronger'**.

About G20

- **Formed in 1999**
 - **Financial crisis of the late 1990s that hit East Asia and Southeast Asia in particular.**

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- **Mexican, Asian and Russian financial crises.**
- **Objective: Secure global financial stability** by involving middle-income countries.
- G20 Summit is known as **"Summit on Financial Markets and the World Economy"**.
- The **first G20 Summit** took place in **2008 in Washington DC, US.**

90. Which of the following pairs are matched correctly ?

- A. ASEAN Secretariat : Bangkok, Thailand
B. SAARC Secretariat : Kathmandu, Nepal
C. European Union (EU) : Brussels, Belgium
D. African Union (AU) : Addis Ababa, Ethiopia

Choose the correct answer :

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

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Q54. Which of the following countries are members of both SAARC and BIMSTEC?

1. Myanmar
2. Maldives
3. India
4. Pakistan
5. Bangladesh
6. Nepal

Select the correct answer using the code given below:

- a) 3, 5 and 6 only
b) 1, 3, 5 and 6 only
c) 2, 3, 4 and 5 only
d) 3, 4, 5 and 6 only

Answer A

Explanation:

Q54. Which of the following countries are members of both SAARC and BIMSTEC?

1. Myanmar
2. Maldives
3. India
4. Pakistan
5. Bangladesh
6. Nepal

Select the correct answer using the code given below:

- a) 3, 5 and 6 only
- b) 1, 3, 5 and 6 only
- c) 2, 3, 4 and 5 only
- d) 3, 4, 5 and 6 only

Answer A

Explanation:

130. Consider the following statements :

- A. Marburg Virus Disease (MVD), earlier known as Marburg haemorrhagic fever, is a severe, often fatal, haemorrhagic fever, according to the WHO.
- B. The Tanzanian Government reported the outbreak of the MVD in March 2023 in its north-west Kagera region.

Which of the above statements is/are correct ?

- (1) Neither A nor B
- (2) A only
- (3) B only
- (4) Both A and B

Q33. Marburg virus recently reported in

- a. Ghana
- b. Egypt
- c. Sri Lanka
- d. Myanmar

Answer A

Explanation

In Ghana government has confirmed its first two cases of the deadly Marburg virus. It is a highly infectious disease in the same family as the virus that causes Ebola. The virus is transmitted to people from fruit bats and spreads between humans through the transmission of bodily fluids



124. The Government of India announced setting up of the PM MITRA mega textile parks in the following States :

- A. Tamil Nadu
- B. Gujarat
- C. Tripura
- D. Telangana

Choose the correct answer :

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

Tripura impossible

Q101. Consider the following

1. Tamil Nadu
2. Telangana
3. Gujarat
4. Karnataka
5. Madhya Pradesh
6. Uttar Pradesh and
7. Maharashtra

In which of the above states 7 PM Mega Integrated Textile Regions and Apparel (PM MITRA) Parks have been announced

- a) 1 2 3 4 and 5 only
- b) 2 3 4 5 and 7 only
- c) 1 4 5 6 and 7 only

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- d) 1 2 3 4 5 6 and 7

76. What is the missing number in the following series ?

7, 8, 20, ?, 292, 1485

(1) 69

(2) 50

(3) 55

(4) 45

1 Q1. Find the missing series 3, 12, 27, 48, 75, 108, ?

Q1. ఈ వరుసలో '?' ఉన్న చోట ఉండవలసిన సంఖ్య ఎంత - 3, 12, 27, 48, 75, 108, ?

- a) 147



77. Identify the number which does *not* fit in the following series :

5, 12, 51, 311, 2497, 24961

- (1) 24961 (2) 51
(3) 311 (4) 2497

20 Q20 Find the wrong number in this sequence.

Q20. 121, 143, 165, 186, 209

Q20. ఈ వరసలో తప్పుగా ఉన్న సంఖ్యను గుర్తించండి.

121, 143, 165, 186, 209

- a) 143
 b) 165
 c) 186
 d) 209



Q26. నిర్దిష్ట కోడ్ భాషలో '-' అనేది '+'ని సూచిస్తుంది, '+' అనేది 'x'ని సూచిస్తుంది, 'x' అనేది '÷'ని సూచిస్తుంది, '÷' అనేది '-'ని సూచిస్తుంది. కింది ప్రశ్నకు జవాబివ్వండి.

$$20 \div 2 - 3 + 10 \times 6 = ?$$

- > a) 12
- > b) 30
- > c) 31
- > d) 23



65. If $25 \# 5 = 5$, $10 @ 2 = 20$, $5 \& 3 = 8$ and $10 \$ 6 = 4$, then find the value of the following :

$$20 \$ 6 @ 1 \& (20 \# 10)$$

- (1) 22
- (2) 20
- (3) 18
- (4) 16

79. In a certain code language, the word GENETICS is coded as HCQAYCJK. What is the code for ANALYTICS in the same language ?

- (1) BLDDHNPVB
- (2) BLDDHNPUB
- (3) BLDHDNPVB
- (4) BLDHENPUB



28 Q28. In a certain code language, 'FIGURE' is written as 'DJEVPF'. How will 'DECODE' be written as in that language ?

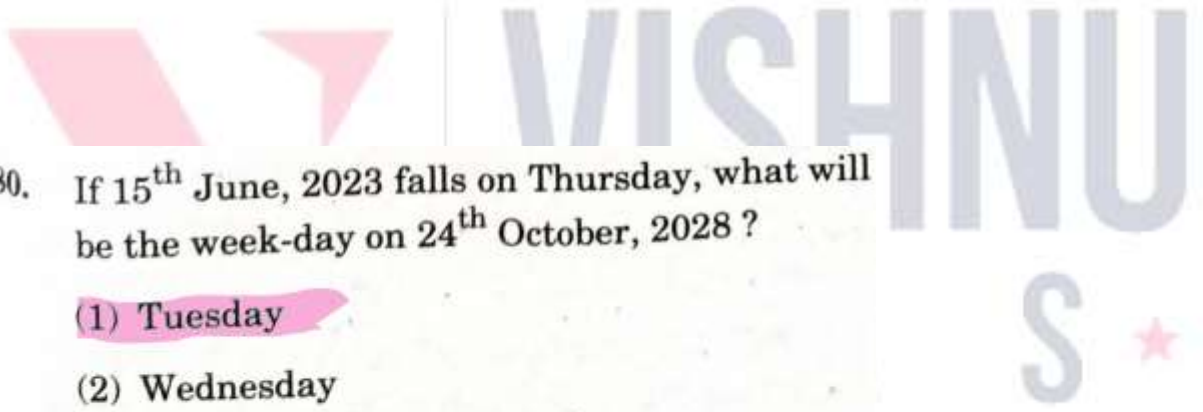
Q28. నిర్దిష్ట కోడ్ భాషలో, 'FIGURE' అన్న పదాన్ని 'DJEVPF' అని రాశారు. ఆ భాషలో 'DECODE' అనే పదాన్ని ఎలా రాస్తారు?

- a) BFDNBF
- b) BDANBD
- c) BDDNBD
- d) BFAPBF



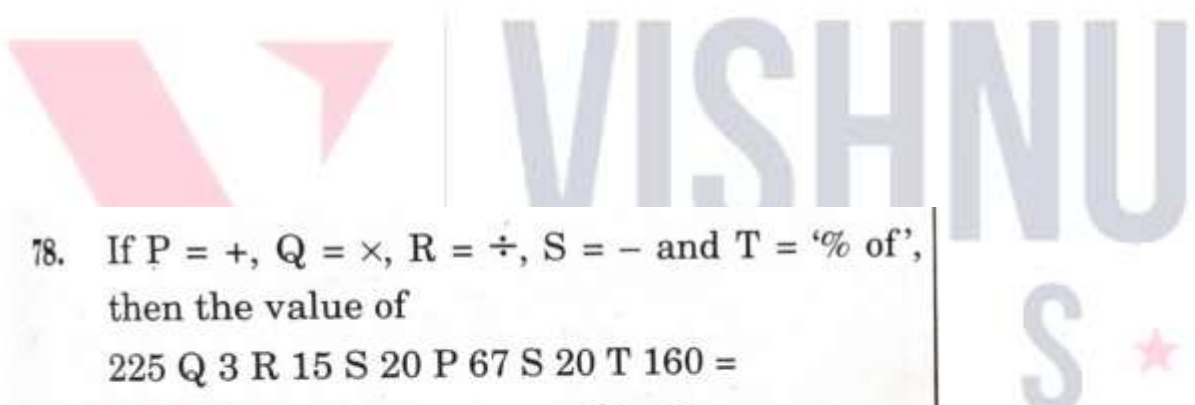
80. If 15th June, 2023 falls on Thursday, what will be the week-day on 24th October, 2028 ?

- (1) Tuesday
- (2) Wednesday
- (3) Thursday
- (4) Friday



97 Q97. Monday falls on 20th March, 1995. What was the day of 3rd November, 1994?

- a) Sunday
- b) Tuesday
- c) Thursday
- d) Friday



78. If $P = +$, $Q = \times$, $R = \div$, $S = -$ and $T = \%$ of', then the value of
 $225 Q 3 R 15 S 20 P 67 S 20 T 160 =$
(1) 60 (2) 45
(3) 50 (4) 55

26 Q26. In a certain code language, '+' represents '+', '-' represents 'x', 'x' represents '+' and '÷' represents '-'. Find out the answer to the following question.

$$20 \div 2 - 3 + 10 \times 6 = ?$$

Q26. నిర్దిష్ట కోడ్ భాషలో '+' అనేది '-'ని సూచిస్తుంది, '-' అనేది 'x'ని సూచిస్తుంది, 'x' అనేది '+'ని సూచిస్తుంది, '÷' అనేది '-'ని సూచిస్తుంది. కింది ప్రశ్నకు జవాబివ్వండి.

$$20 \div 2 - 3 + 10 \times 6 = ?$$

a) 12

b) 30

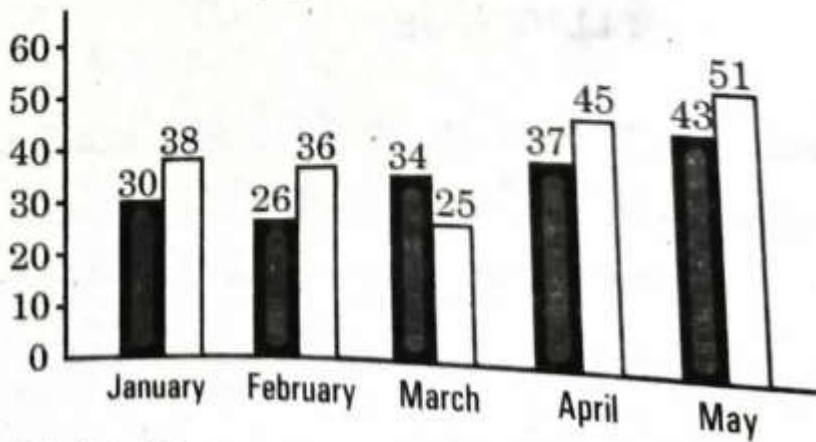
c) 31

d) 23

74. The following bar chart shows the monthly expenditure of a family (in ₹ thousands) for five months for two years. What is the ratio between the average monthly spending of 2021 and 2022 ?

Monthly Expenditure of a Family

■ 2021 □ 2022



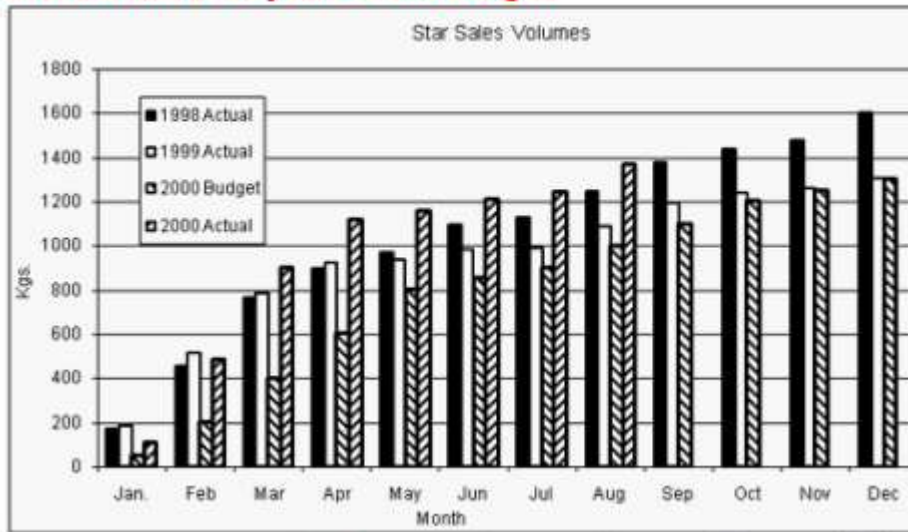
(1) 34 : 37

(2) 33 : 37

(3) 34 : 39

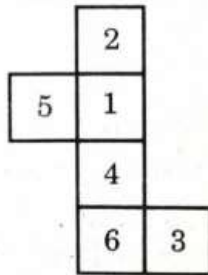
(4) 32 : 37

Direction (Q76-80) Refer to the following bar graph of monthly cumulative sales over the last three years of star budget.

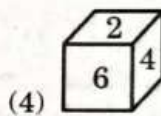
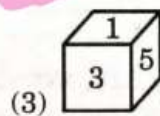
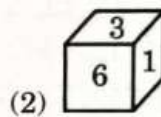
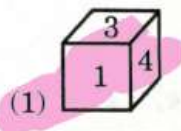


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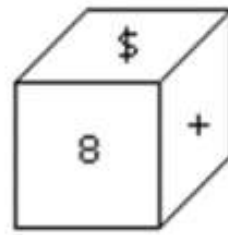
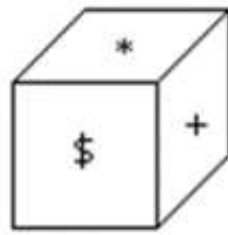
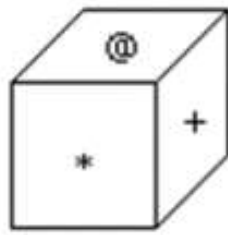
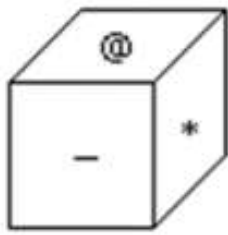
62. The following figure has been folded to make a box. Choose the right box that can be formed from the given figure.



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23



- a) @
- b) \$
- c) 8
- d) +



69. A man showed the photograph of a boy and said, "The boy in the photograph is the son of the daughter of the father of my brother." How is the man related to the boy in the photograph ?
- (1) Grandfather (2) Father
(3) Brother (4) Maternal uncle



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A is the sister of B and B is the daughter of C. So, A is the daughter of C. Also, D is the father of C. Hence, A is the granddaughter of D.

Q12. Rita told Mani, "The girl I met yesterday at the beach was the youngest daughter of the brother-in-law of my friend's mother". How is the girl related to Rita's friend

- a) Cousin
- b) Daughter
- c) Niece
- d) Friend

Answer A

Explanation

A watch loses 5 minutes every hour and was set right at 8 AM on a Wednesday. When will it show the correct time again ?

- (1) 8 PM on Wednesday
- (2) 8 AM on Tuesday
- (3) 8 PM on Tuesday
- (4) 8 AM on Wednesday

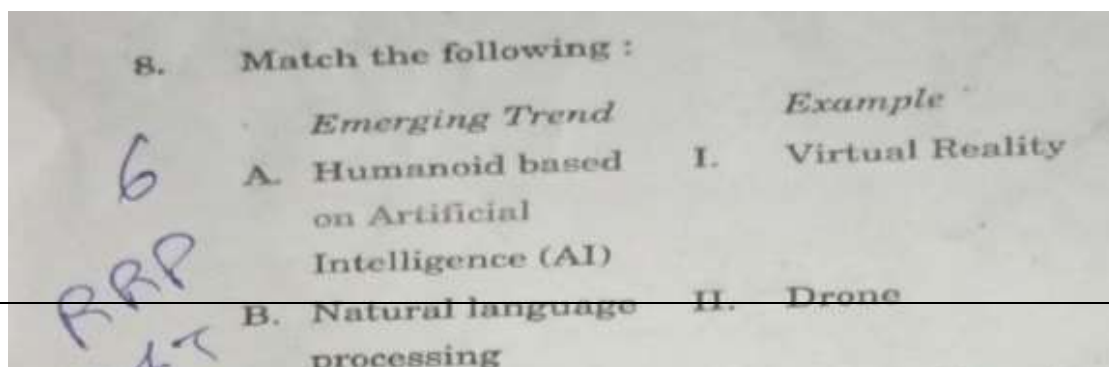
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Q18. At what time between 3 and 4 o'clock, the hands of a clock coincide?

- a) 16 $\frac{4}{11}$ minutes past 3
- b) 15 $\frac{5}{6}$ minutes past 3
- c) 15 $\frac{5}{6}$ minutes to 3
- d) 16 $\frac{4}{11}$ minutes to 4

Answer A

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11. Consider the following statements :

A. Nuclear fuel is material used in nuclear power stations to produce heat to run turbines.

9 B. Thorium is used as a nuclear fuel in India.

Which of the above statements is/are correct ?

(1) B only
(2) Neither A nor B
(3) A only
(4) Both A and B

RRP S & T unit discussed in detail above

RRP S & T electronics unit discussed in detail above nuclear

14. Match the Nobel Prize awardees and their work for 2022 :

A. Ales Bialiatski : Nanomaterials and their applications

10 B. Svante Paabo : Genome of extinct hominins and human evolution

RRP C. Alain Aspect, John F. Clauser and : Photons in Quantum

19.

RRP S & T CLASSESS

20. Consider the following statements :

- A. Optimal usage of inorganic fertilizers and pesticides increases crop production. ✓
- B. Pesticides are toxic to non-target organisms. ✓
- C. Excess fertilizer residue loaded water inflow leads to eutrophication of lakes. ✓
- D. Biomagnification of harmful chemicals poses a threat to human health. ✓

Which of the above statements are correct ?

- (1) A, C and D only
- ~~(2) A, B, C and D~~
- (3) A, B and C only
- (4) A, B and D only

RRP Environment discussed by Santosh RAO (Biomagnification)

13

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RRP ENVIRONMENT DISCUSSED BY SANTHOSH RAO SIR (FUTUREPHICATION)

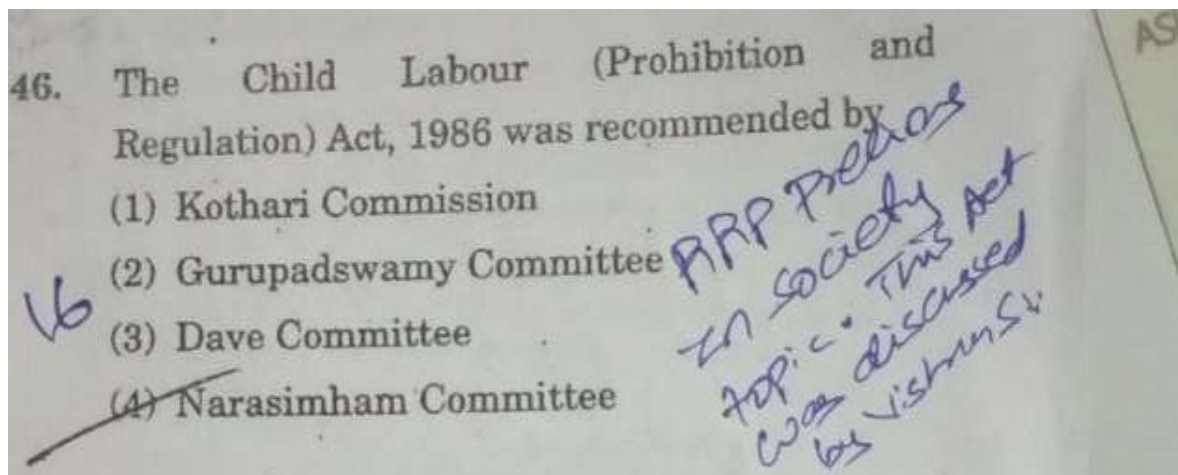
22. A man showed the photograph of a boy and said, "The boy in the photograph is the son of the daughter of the father of my brother. How is the man related to the boy in the photograph ?

- (1) Brother
- (2) Grandfather
- (3) Father
- ~~(4) Maternal uncle~~

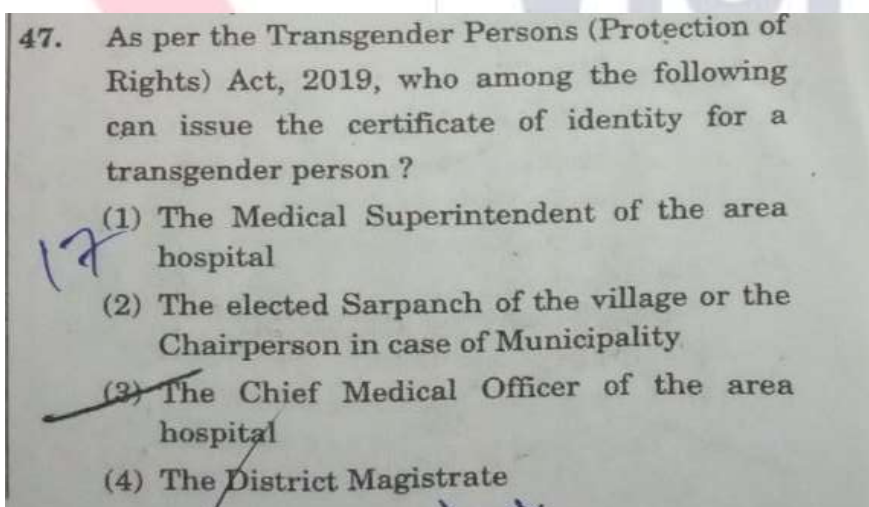
classmate
Biomagnification discussed by Santosh RAO

15

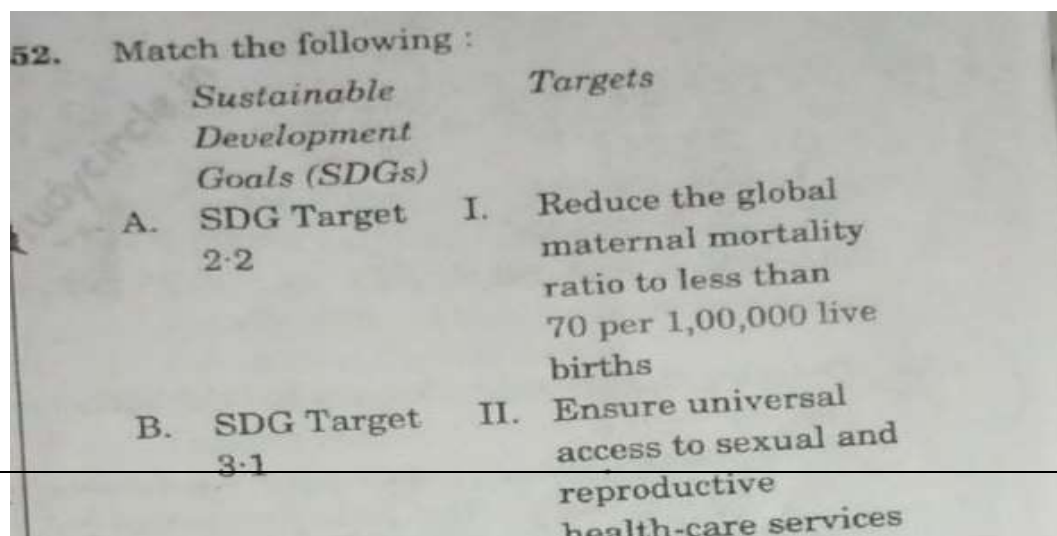
CLASSES BLOOD RELATIONS DISCUSSED BY GOWRI SIR



RRP PRELIMS IN SOCIETY TOPIC THIS ACT WAS DISCUSSED BY VISHNU SIR



RRP PRELIMS



SDG RRP PRELIMS DISCUSSED BY VISHNU SIR IN CLASS

66. Consider the following statements in relation to the Foreign Trade Policy of the Government of India :

A. Foreign Trade Policy is a set of guidelines and instructions established by the Directorate General of Foreign Trade (DGFT) in matters related to the import and export of goods in India.

B. The Government of India, Ministry of Finance announces Export Import Policy every five years.

Which of the above statements is/are correct ?

(1) B only
(2) Neither A nor B
(3) A only
(4) Both A and B

28
RRP - Prelims
Economics
class

67. The services of Health and Wellness Centres (HWCs) under Ayushman Bharat include :

A. Care in pregnancy and childbirth
B. Management of Communicable Diseases
C. Basic Oral Health Care
D. Screening and basic management of mental health ailments

Choose the correct answer :

(1) A and B only
(2) B and C only
(3) A, B, C and D
(4) A only

29
RRP
Pre

RRP PRELIMS



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