



**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO**

**Test 3: Days (11-15)**

**Test Booklet Series**

**Serial No.**

**TEST BOOKLET  
GENERAL STUDIES  
Paper---1**



**Time Allowed : Two Hours**

**Maximum Marks : 200**

**INSTRUCTIONS**

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TURN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. **Please note that it is the candidate's responsibility to encode and fill in the Roll number and Test Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.**
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. *DO NOT* write *anything else* on the Test Booklet.
4. This Test Booklet contains **100** items (Questions). Each item is printed in both **Hindi** and **English**. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose *ONLY ONE* response for each item.
5. You have to mark all your responses *ONLY* on the separate Answer Sheet provided. See direction in the answers sheet.
6. **All** items carry equal marks.
7. Before you proceed to mark in the Answer sheet the response to various items in the Test booklet, you have to fill in some particulars in the answer sheets as per instruction sent to you with your Admission Certificate.
8. After you have completed filling in all responses on the answer sheet and the examination has concluded, you should hand over to Invigilator only the answer sheet. You are permitted to take away with you the Test Booklet.
9. Sheet for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers:**

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.

  - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to that question will be deducted as penalty.
  - (ii) If a candidate gives more than one answer, it will be treated as **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
  - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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## INSIGHTS REVISION TEST-3 PRELIMS 2017

1. With reference to Deccan painting, consider the following statements

1. It is a form of miniature painting
2. The style developed under the patronage of Mughals

Which of the above statements is/are correct?

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

2. The first Law Commission was established, under the Chairmanship of Lord Macaulay which recommended codification of the Penal Code and the Criminal Procedure Code, by the

- (a) The Saint Helena Act 1833
- (b) The Charter Act of 1813
- (c) The Charter Act of 1853
- (d) None of the above

3. Which of the following food items can be considered as fortified food?

1. Iodised salt
2. Vegetable oil enriched with Vitamin D
3. Golden Rice which produces beta carotene

Select the correct answer using codes below:

- (a) 1 and 2 only
- (b) 2 only
- (c) 1, 2 and 3
- (d) None of the above

4. Rivers Musi, Koyna and Malaprabha are the tributaries of

- (a) River Godavari
- (b) River Krishna
- (c) River Kaveri
- (d) River Tungabhadra

5. With reference to the Bengal School of Art, consider the following statements

1. It was against British colonialism and associated itself with Indian nationalism and patriotism
2. One of its proponents, Abanindranath Tagore, was influenced by Mughal painting

Which of the above statements is/are correct?

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

6. With reference to Mahabalipuram monuments, consider the following statements:

1. They are located on the Coromandel Coast of the Bay of Bengal
2. They belong to Chola Dynasty
3. Most of these monuments depict figures from Ramayana

Which of the above statements is/are correct?

- (a) 1 and 2 Only
- (b) 1 Only
- (c) 1,2 and 3
- (d) None of the above

7. Which of the following banks is/are now part of the SBI?

1. State Bank of Bikaner and Jaipur (SBBJ)
2. Bharatiya Mahila Bank (BMB)
3. State Bank of Travancore (SBT)
4. Union Bank of India

Select the correct answer using codes below:

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

## INSIGHTS REVISION TEST-3 PRELIMS 2017

**8.** Article 243ZE of the Indian Constitution talks about Committee for Metropolitan Planning (CMP). With reference to CMP, consider the following statements:

1. It shall be constituted in every Metropolitan area a Metropolitan Planning Committee to prepare a draft development plan for the Metropolitan area as a whole
2. The Chairperson of every Metropolitan Planning Committee shall forward the development plan, as recommended by such Committee, to the District Planning Committee (DPC)

Which of the above statements is/are correct?

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

**9.** With reference to Aihole, consider the following statements:

1. It is known for Chalukyan architecture
2. It lies along the Malaprabha River
3. It is a UNESCO World heritage site

Which of the above statements is/are correct?

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

**10.** With reference to the Kailasa Temple of Ellora, consider the following statements:

1. It is one of the largest rock-cut ancient Buddhist temples
2. All the deities carved in this temple complex belong to Shaivaite (followers of Lord Shiva) tradition

Which of the above statements is/are correct?

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

**11.** With reference to Rajgir, consider the following statements:

1. The city of Rajgir was the first capital of the Magadha empire
2. The city was the venue for the first Buddhist Council
3. Lord Mahavira, 24th Tirthankara spent many years of his life at Rajgir

Which of the above statements is/are correct?

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

**12.** Recently, the Ministry of Culture commemorated "500th Anniversary of Shri Krishna Chaitanya Mahaprabhu's Coming to Vrindavan". With reference to Vrindavan, consider the following statements:

1. It is located on the banks of Yamuna River in Bihar
2. The place is considered sacred by followers of Vaishnavism

Which of the above statements is/are correct?

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

## INSIGHTS REVISION TEST-3 PRELIMS 2017

13. With reference to the Kohinoor diamond, consider the following statements:

1. It was forcibly taken away by the British from the last ruler of Mughal Empire
2. The government of India, since Independence has officially sought to bring back Kohinoor diamond back to India

Which of the above statements is/are correct?

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

14. With reference to recent major cyclones and the regions affected by them, consider the following:

<b>Cyclone</b>	<b>Major Affected Region</b>
1. Cyclone Mathew	: Fiji
2. Typhoon Lionrock	: South Korea
3. Cyclone Winston	: Haiti

Which of the above is/are correctly matched?

- (a) 1 and 3 only
- (b) 2 and 3 Only
- (c) 2 only
- (d) None of the above

15. In the recent US election, Donald Trump defeated Democratic opponent Hillary Clinton by garnering about 300 votes in the electoral college. Which of the following states has highest number of electoral votes?

- (a) California
- (b) Texas
- (c) Mississippi
- (d) Washington

16. With reference to 'Pradhan Mantri Surakshit Matritva Abhiyan' (PMSMA), consider the following statements:

1. The scheme aims to provide healthy life to the pregnant women.
2. It aims at Lowering the maternity mortality rate

Which of the above is/are correct?

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

17. World Pneumonia Day 2016 was observed on November 12, 2016. Pneumonia is caused by

- (a) Virus
- (b) Bacteria
- (c) Protozoa
- (d) Both a and b

18. International Research Conference on Brucellosis was recently inaugurated in New Delhi. Brucellosis is

- (a) A disease caused by ingestion of unpasteurized milk or undercooked meat from infected animals, or close contact with their secretions
- (b) It is caused by a virus
- (c) It affects only children below age of 5 years
- (d) All the above are correct

19. Russia has invited India to join in developing nuclear reactors and participate in its fast reactor research project. With reference to fast reactor, consider the following statements:

1. It is said that this fast reactor can solve the major ecological problem of reprocessing and deactivation of the accumulated radioactive waste
2. This reactor needs no neutron moderator

## INSIGHTS REVISION TEST-3 PRELIMS 2017

Which of the above statements is/are correct?

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

**20.** The UN body – UNISDR, is concerned with

- (a) Sustainable development
- (b) Disaster Reduction
- (c) Refugee Rehabilitation
- (d) None of the above

**21.** Recently, the Union HRD Minister inaugurated “Smart India Hackathon 2017”. With reference to this initiative, consider the following statements:

1. It is to find digital solutions to problems that India faces in sectors such as water, power, health, education etc
2. It was a digital programming competition conducted among software professionals across India

Which of the above statements is/are correct?

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

**22.** AirSewa portal was recently launched by the Ministry of Civil Aviation. What’s the main purpose of this portal?

- (a) Help passengers to book flight tickets at affordable rates
- (b) Grievance redressal for air passengers
- (c) Provide information on ongoing works under the Ministry of Aviation
- (d) None of the above

**23.** Recently, the Union Agriculture & Farmers Welfare Minister launched ‘e-pashuhaat’ portal. With reference to this portal, consider the following statements:

1. Through this portal breeders/farmers can sell and purchase breeding stock
2. According to the Agriculture Ministry, this portal will lead to propagation of high genetic merit germplasm

Which of the above statements is/are correct?

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

**24.** The “Colombo Declaration” signed in November 2016, seeks to

- (a) Fight flow of drugs in the Indian Ocean
- (b) Increase trade between Sri Lanka and other Indian Ocean countries
- (c) Improve capacity building of Indian Ocean countries to fight terrorism in the region
- (d) None of the above

**25.** With reference to the Ratle Hydroelectric Plant, which was in news recently, consider the following statements:

1. It is a run-of-the-river hydroelectric power station currently under construction on the Jhelum River
2. It is being constructed in Himachal Pradesh

Which of the above statements is/are correct?

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

## INSIGHTS REVISION TEST-3 PRELIMS 2017

**26.** India has signed a historic civilian nuclear deal with Japan during the annual bilateral summit held recently in Tokyo. With reference to this Deal, consider the following statements:

1. India is the first non-member of the non-proliferation treaty (NPT) to have signed such a deal with Japan
2. Under this Deal, if India conducts a nuclear test, Japan shall stop its cooperation immediately without any notice to India

Which of the above statements is/are correct?

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

**27.** Indian government has indicated that it is not inclined to automatically grant the coveted 'Market Economy Status' (MES) to China this December under World Trade Organisation (WTO) norm. What does 'Market Economy Status' mean?

- (a) A country whose exports is growing at rapid rate
- (b) A country's domestic prices are largely set by open competition
- (c) A country which strictly adheres to WTO norms
- (d) None of the above

**28.** India hosted the golden jubilee celebrations of UNCITRAL, a UN body. UNCITRAL aims to

- (a) Promote the progressive harmonisation and unification of international trade law
- (b) Promote arbitration in trade disputes
- (c) Promote free trade among member countries
- (d) None of the above

**29.** With reference to the Asian Infrastructure Investment Bank (AIIB), consider the following statements:

1. Its main aim is to provide financial support for infrastructure development and regional connectivity in Asia
2. India has the second-largest voting share and percentage of shares (next only to China) in the multilateral institution that has 57 member countries

Which of the above statements is/are correct?

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

**30.** The Securities and Exchange Board of India (SEBI) has liberalised norms for angel funds. What is angel fund?

- (a) It is a money pool created by high networth individuals or companies for investing in business startups
- (b) It is money pool created by governments to encourage startups
- (c) Funds that manage the money of investors who seek private equity stakes in startup and small- to medium-sized enterprises with strong growth potential
- (d) None of the above

**31.** The Reserve Bank of India (RBI) has proposed the opening of "Islamic window" in conventional banks. What is 'Islamic Banking'?

- (a) Banking where only Muslims are preferred over other customers
- (b) Banking where loans are given at very cheap rate to poor Muslim families
- (c) Banking where interest is not charged on the principal amount
- (d) None of the above

## INSIGHTS REVISION TEST-3 PRELIMS 2017

- 32.** With reference to debt-to-GDP ratio, consider the following statements:
1. It is the ratio of a country's public debt to its gross domestic product (GDP)
  2. The higher the debt-to-GDP ratio, the less likely the country will pay back its debt and the higher its risk of default
- Which of the above statements is/are correct?
- (a) 1 only
  - (b) 2 only
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
- 33.** Who issues an appropriate notification for the due constitution of the House after General Election?
- (a) The President
  - (b) The Election Commission of India
  - (c) The Speaker of Lok Sabha
  - (d) None of the above
- 34.** GRIHA rating system is an evaluation tool for
- (a) Progress made under housing schemes
  - (b) Rating transparency in real estate transactions
  - (c) Calculating asset bubble in the real estate sector
  - (d) None of the above
- 35.** *Mricchakatika* (The Little Clay Cart) a ten-act Sanskrit drama attributed to Śūdraka, deals with
- (a) Status of farmers in ancient India
  - (b) Relationship between higher caste people with the royalty
  - (c) Relationship between women and the King
  - (d) None of the above
- 36.** The term "Cooperatives" or "Cooperative Societies" can be found in which part of the Constitution?
- (a) Part IX – The Panchayats
  - (b) Part IV – Directive Principles of State Policy
  - (c) Part IVA – Fundamental Duties
  - (d) Both (a) and (b)
- 37.** Which of the following countries is **not** a member of the East Asia Summit (EAS)?
- (a) India
  - (b) Japan
  - (c) Australia
  - (d) Mongolia
- 38.** Which of these nations lie between Tropic of Capricorn and Equator?
- (a) Ethiopia
  - (b) South Sudan
  - (c) Venezuela
  - (d) Peru
- 39.** Which of the following is one of the objectives under National Population Stabilization Fund (NPSF)?
- (a) Conduct sterilization operations in Public Private Partnership mode to control population growth
  - (b) Push up the age of marriage of girls
  - (c) To provide monetary reward to couples who delay childbirth
  - (d) All the above
- 40.** Which of the following states is **not** a producer of coal in India?
- (a) Assam
  - (b) Karnataka
  - (c) Andhra Pradesh
  - (d) Tamil Nadu

## INSIGHTS REVISION TEST-3 PRELIMS 2017

**41.** With reference to the Photic Zone in a ocean, consider the following statements

1. In this region photosynthesis by phytoplankton and plants takes place
2. About 90% of all marine life lives in the photic zone

Which of the above statements is/are correct?

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

**42.** With reference to syngas, consider the following statements:

1. It is available naturally as a primary product
2. It is usually a product of gasification
3. It is used in the production of hydrogen, ammonia, methanol, and synthetic hydrocarbon fuels

Which of the above statements is/are correct?

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

**43.** Consider the following statements:

1. Ecotope is a genetically distinct geographic variety, population or race within a species, which is adapted to specific environmental conditions
2. Ecotype is a transition area between two biomes where two communities meet and integrate

Which of the above statements is/are correct?

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

**44.** Anthracene and formaldehyde are extensively used in leather tanning industries. What is common to them?

- (a) Both are byproducts of coal tar
- (b) Both are not found naturally anywhere
- (c) Both are organic compounds
- (d) None of the above

**45.** Because of rich nutrition, Inter-tidal zones support large mangrove population. What is an intertidal zone?

- (a) Area that experiences high frequency of high tides
- (b) Area that is above water at low tide and under water at high tide
- (c) Area that experiences high frequency of low tides
- (d) Area where vegetation is grown onshore

**46.** Which of the following is **not** a principle enunciated under the Gujral Doctrine?

- (a) With neighbours like Bangladesh, Bhutan, Maldives, Nepal and Sri Lanka, India does not ask for reciprocity, but gives and accommodates what it can in good faith and trust
- (b) No South Asian country should allow its territory to be used against the interest of another country of the region
- (c) All the disputes in the region must be resolved with the aid and support of major international players
- (d) All South Asian countries must respect each other's territorial integrity and sovereignty

**47.** The Prototype Fast Breeder Reactor (PFBR) is a 500 MWe fast breeder nuclear reactor presently being constructed at the Madras Atomic Power Station in Kalpakkam, India. It uses which of the following fuels?

- (a) Thorium
- (b) Uranium - 238
- (c) Uranium - 235
- (d) Uranium - 233

## INSIGHTS REVISION TEST-3 PRELIMS 2017

- 48.** With reference to Lok Sabha Speaker, which of the following statements is **not** correct?
- She is eligible for re-election
  - She is elected from among Lok Sabha members by a simple majority of members present and voting in the House
  - The Speaker can be removed from office only on a resolution of the House passed by a majority of all the then members of the House
  - On the dissolution of the Lok Sabha, unlike other members, the Speaker continues to be a member of the House till the next Speaker is elected
- 49.** What was known as the “Instrument of Instructions” contained in the Government of India Act 1935 was incorporated in the Constitution of India as
- Fundamental Rights
  - Rules of business of the Parliament
  - Fundamental Duties
  - None of the above
- 50.** With reference to anti retroviral therapy (ART), consider the following statements:
- ART kills the HIV virus and stop the progression of HIV disease
  - WHO recommends ART for all people with HIV as soon as possible after diagnosis without any restrictions of CD4 counts
- Which of the above statements is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- 51.** Thiruvalluvar is a celebrated Tamil poet and philosopher whose contribution to Tamil literature, the Thirukkural, is celebrated even today. Thirukkural mainly deals with
- Music and dance
  - Ethics and virtues
  - Caste system
  - Glory of Tamil Kings and Queens
- 52.** Recently, the Union government released special stamp on “Shri Gaya Prasad Katiyar”. He was a
- Celebrated Hindi poet
  - Sanskrit scholar
  - Freedom fighter
  - Religious scholar
- 53.** Global Wage Report 2016-17 was recently released by
- World Bank
  - IMF
  - UNDP
  - None of the above
- 54.** With reference to the Vishaka Guidelines, consider the following statements:
- These guidelines are mainly related to domestic violence against women
  - These guidelines were stipulated by the Supreme Court of India
- Which of the above statements is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2

**55.** Which of the following is/are correctly matched:

<b>Judicial powers of President</b>	:	<b>Meaning</b>
1. Reprieve	:	Temporary suspension of sentence
2. Respite	:	Awarding less sentence
3. Remission	:	Changing one punishment to another
4. Commutation	:	Reducing amount of sentence

Select the correct answer using codes below:

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

**56.** SSL Certificate is a global standard security technology. Consider the following about it. How is it useful to ensure cyber security?

1. An organization needs to install the SSL Certificate onto its web server to initiate secure sessions with browsers
2. It encrypts the data that's being transmitted between the web browser and server

Which of the above is/are correct?

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

**57.** Lighting a Billion Lives (LABL) campaign is related to

- (a) Providing free access to health care facilities to all families
- (b) Providing electricity to all villages
- (c) Promotion of the use of solar lanterns
- (d) Promoting child welfare

**58.** Consider the following statements:

1. It is the only system in India that has been practicing rice cultivation below sea level since the past 2 centuries
2. It is a delta region of about 900 sq. km situated in the west coast of Kerala State

To which place above statements refer?

- (a) Chettinad
- (b) Wayanad
- (c) Kuttanad
- (d) Thekkady

**59.** S&P BSE-GREENEX measures

- (a) Total market value of carbon-intensive products in the economy
- (b) Performance of the companies in terms of Carbon Emissions
- (c) Performance of green bonds
- (d) Performance of funds invested in green ventures

**60.** Which among the following Indian States has the maximum total forest cover as a percentage of total area of the state?

- (a) Arunachal Pradesh
- (b) Chhattisgarh
- (c) Madhya Pradesh
- (d) Kerala

**61.** INS Tillanchang, a Water Jet Fast Attack Craft (WJFAC) was recently commissioned into the Indian Navy. The name Tillanchang is related to

- (a) An island in Andaman and Nicobar Islands
- (b) Naga Warrior who fought the British
- (c) A lesser known tribe in the Northeast India
- (d) None of the above

## INSIGHTS REVISION TEST-3 PRELIMS 2017

- 62.** Which of the following is India's first indigenously-built ballistic missile?
- Agni V
  - Prithvi
  - Akash
  - Trishul
- 63.** Some of the Agni class missiles have a specialised navigation system called Ring Laser Gyroscope. Why is Ring Laser Gyroscope used?
- It ensures ultra accuracy in hitting the target
  - It provides momentum required for a missile
  - It masks radar signals
  - None of the above
- 64.** Consider the following statements:
- It is said to be the world's fastest anti-ship cruise missile in operation
  - Recently, the missile's range has been increased beyond 300km
  - Its launch platforms include Ship, submarine, aircraft (under testing), and land-based mobile launchers
- To which of the following missiles does above statements refer?
- Barak
  - Trishul
  - BrahMos
  - None of the above
- 65.** NASA's New Horizons mission was launched on 19 January 2006, and has been travelling through space for the past nine years. What was its core mission?
- To study rings of Saturn
  - To find earth like planets outside our solar system
  - To study the atmosphere of Neptune
  - To map the surface of Pluto
- 66.** Recently, the Indian Space Research Organisation has commissioned Doppler weather radar at the Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram. With reference to Doppler Weather Radars, consider the following statements:
- It is the most advanced radar used in all modern weather radars
  - These Radars help in better forecast of rainfall and flash floods
- Which of the above statements is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- 67.** The James Webb Space Telescope (JWST) is the largest space telescope ever built. With reference to James Webb after whom this telescope is named, consider the following statements:
- He was NASA's foremost space scientist who was pioneer in building first generation space telescopes
  - He was instrumental in designing Hubble telescope
- Which of the above statements is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- 68.** With reference to Sunspots, consider the following statements:
- They are the hotter parts of Sun
  - They are seen on the photosphere of the Sun
  - They are permanent features on Sun
- Which of the above statements is/are correct?
- 2 only
  - 1 and 2 only
  - 1 and 3 only
  - 1, 2 and 3

## INSIGHTS REVISION TEST-3 PRELIMS 2017

**69.** In which of the following situations one would see a Supermoon?

- (a) Perigee-syzygy of the Earth–Moon–Sun system
- (b) Apogee-syzygy of the Earth–Moon–Sun system
- (c) Optical illusion created at Earth's magnetosphere
- (d) None of the above

**70.** With reference to Gravitational Waves, consider the following statements:

1. They travel at the speed of light
2. Their existence was predicted by Albert Einstein on the basis of his theory of general relativity
3. They always originate from dying stars

Which of the above statements is/are correct?

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

**71.** Consider the following statements:

1. He was awarded the Nobel Memorial Prize in Economic Sciences for his analysis of consumption, poverty, and welfare
2. In 1978 he became the first recipient of the Frisch Medal, an award given by the Econometric Society every two years

To whom does above statements refer?

- (a) Angus Deaton
- (b) Robert J. Shiller
- (c) Paul Krugman
- (d) Joseph E. Stiglitz

**72.** With reference to Jet Streams, consider the following statements:

1. They form where large temperature differences exist in the atmosphere.
2. Jet streams travel in the tropopause.
3. They are faster in winter

Which of the above statements is/are correct?

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

**73.** In 2014, the Central government initiated the Vanbandhu Kalyan Yojana for

- (a) The mission mode afforestation of forests under threat
- (b) Sensitizing tribals to save wildlife and share information about poaching
- (c) Holistic development and Welfare of the tribals
- (d) None of the above

**74.** The government has launched GARV- II app to

- (a) Track Rural Household Electrification
- (b) Track dowry harassment and other abusive practices against women
- (c) Track institutional deliveries
- (d) Track women literacy rate in rural regions

**75.** Recently, the President approved the Payment of Wages (Amendment) Ordinance, 2016. With reference to this Ordinance, consider the following statements:

1. The ordinance empowers the Centre or State governments to specify industries or establishments where wage payment can be made mandatory through the banking system
2. The ordinance makes payment of wages mandatory through the banking system

Which of the above statements is/are correct?

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

## INSIGHTS REVISION TEST-3 PRELIMS 2017

- 76.** It is claimed that many potent diseases can be treated with the process called hyper-oxygenation which kills microorganisms by oxidizing them. What is hyper-oxygenation?
- (a) The administration of a higher than usual concentration of oxygen to patients
  - (b) The administration of oxygen below normal levels in a controlled situation
  - (c) The administration of oxygen to patients suffering near-death situations
  - (d) None of the above
- 77.** Consider the following statements:
1. India is the world's largest producer and the largest consumer of pulses
  2. India is the leading exporter of skimmed milk powder
- Which of the above statements is/are correct?
- (a) 1 only
  - (b) 2 only
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
- 78.** The Buddhist school that had given great importance to "self-effort" in achieving nibbana, as opposed to the idea of a saviour, is
- (a) Vajrayana School
  - (b) Mahayana School
  - (c) Shingon School
  - (d) None of the above
- 79.** Five major global non-governmental organizations (NGOs) have been associated with the Ramsar Wetlands Convention since its beginnings and were confirmed in the formal status of International Organization Partners (IOPs) of the Convention. Which of the following is **not** one of them?
- (a) WWF (World Wide Fund for Nature)
  - (b) IWMI - The International Water Management Institute
  - (c) IUCN
  - (d) Greenpeace
- 80.** Lezim is a folk dance form of Indian state of
- (a) Nagaland
  - (b) Mizoram
  - (c) Sikkim
  - (d) None of the Above
- 81.** With reference to barcode and RFID, consider the following statements:
1. Unlike a barcode, the RFID tag need not be within the line of sight of the reader
  2. Multiple RFID tags can be read simultaneously whereas it's possible to read only one barcode at a time
  3. Data in RFID can be encrypted and password protected
- Which of the above statements is/are correct?
- (a) 1 and 2 Only
  - (b) 2 and 3 Only
  - (c) 1 and 3 Only
  - (d) 1, 2 and 3

## INSIGHTS REVISION TEST-3 PRELIMS 2017

- 82.** Additive manufacturing, which is frequently in news, refers to
- Manufacturing of chemicals
  - Indigenous manufacturing of industrial products
  - Manufacturing of products that can not be imported
  - Industrial version of 3-D printing
- 83.** Researchers from Imperial College London in the UK discovered that the melting point of hafnium carbide is the highest ever recorded for a material. What is the name given to such materials?
- Refractory ceramics
  - Resistant metals
  - Reinforced composite
  - None of the above
- 84.** With reference to Project Loon by Google, which of the following statements is **not** correct?
- It can predict weather systems
  - It provides internet services to the remote parts of the world
  - Balloons are placed in the troposphere
  - It is powered by solar panels
- 85.** Which of the following chemicals/substances commonly used in cloud seeding?
- Liquid propane
  - Silver iodide
  - Potassium iodide
  - Dry Ice
- Select the correct answer using codes below:
- 1,2 and 3 Only
  - 2,3 and 4 Only
  - 2 and 3 Only
  - 1,2,3 and 4
- 86.** With reference to Food irradiation, consider the following statements:
- Food irradiation reduces the nutritional value of food products and changes their organoleptic properties
  - Food and Agriculture Organization (FAO) recommends the irradiation doses for Food irradiation.
- Which of the above statements is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- 87.** Consider the following statements:
- Inactivated poliovirus vaccine (IPV) contains live weakened virus
  - Oral poliovirus vaccine (OPV) contains live killed virus
- Which of the above statements is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- 88.** Guillain-Barre syndrome (GBS: a condition in which the body's immune system attacks part of the nervous system) is associated with which of the following diseases?
- Swine Flu
  - Zika Virus
  - Alzheimer's syndrome
  - Parkinson's disease
- 89.** CRISPR-Cas9 technique was named "2015 Breakthrough of the Year" by the U.S. journal Science. This technique is related to
- Tuberculosis vaccine
  - DNA editing
  - Zika vaccine
  - None of the above

## INSIGHTS REVISION TEST-3 PRELIMS 2017

**90.** The nuclear reactors used in Kudankulam Nuclear Power Plant (KKNPP) are

- (a) Advanced Heavy Water Reactors
- (b) Fast Breeder Reactors
- (c) Pressurised water reactors
- (d) None of the above

**91.** With reference to melamine, consider the following statements:

- 1. It is added to milk or milk powder to reduce fat content
- 2. Its addition to food products is approved by FAO and WHO

Which of the above statements is/are correct?

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

**92.** Why unsaturated vegetable oils are considered as toxic? Consider the following statements:

- 1. They contain trans fats
- 2. They are susceptible to attack by free radicals

Which of the above statements is/are correct?

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

**93.** The committee that selects the CBI Director includes

- 1. Prime Minister of India
- 2. Leader of the single largest opposition party
- 3. Home Minister
- 4. Defence Minister
- 5. Chief justice of India or his nominee

Select the correct answer using codes below:

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

**94.** Which of the following tribes is/are present in Andaman and Nicobar Islands?

- 1. Shom Pens
- 2. Kora
- 3. Sentinelese
- 4. Onges
- 5. Balawa

Select the correct answer using codes below:

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

**95.** Surendranath Banerjee was called the Indian Burke. Here Burke refers to

- (a) American economist
- (b) Irish parliamentarian and philosopher
- (c) American political philosopher
- (d) None of the above

**96.** Consider the following statements:

- 1. Gahirmatha Beach and Marine Sanctuary lies to the east of this National Park, and separates swamp region cover with canopy of mangroves from the Bay of Bengal
- 2. The park is home to Saltwater Crocodile (*Crocodylus porosus*), White Crocodile, Indian python

To which National Park does above statements refer?

- (a) Simlipal National Park
- (b) Kanger Ghati national Park
- (c) Bhitarkanika National Park
- (d) None of the above

## INSIGHTS REVISION TEST-3 PRELIMS 2017

**97.** Which of the following techniques for soil conservation is best used in coastal and flat dry areas for soil conservation?

- (a) Terrace farming
- (b) Contour barriers
- (c) Contour ploughing
- (d) None of the above

**98.** Which of these was/were pillars of the Nehru – Mahalanobis strategy?

- 1. Heavy industry bias
- 2. Emphasis on public sector
- 3. Socialistic pattern of society
- 4. Import substitution

Select the correct answer using codes below:

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

**99.** With reference to the 123rd Constitutional Amendment Bill, 2017, consider the following statements:

- 1. It seeks to grant the National Commission on Backward Classes (NCBC) constitutional status
- 2. This Bill was introduced by Minister of Social Justice and Empowerment

Which of the above statements is/are correct?

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

**100.** Transcription and translation are two steps involved in

- (a) RNA and DNA synthesis respectively
- (b) RNA and Protein Synthesis respectively
- (c) Protein and Vitamin Synthesis respectively
- (d) None of the Above