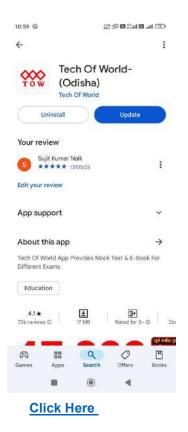




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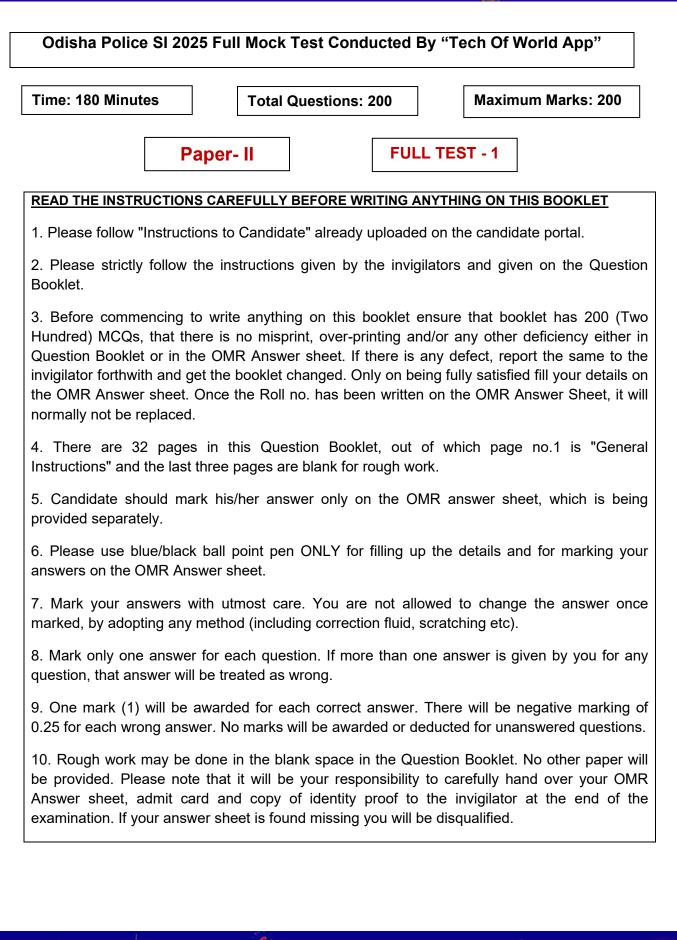
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### <mark>G.K</mark>

1- Which of the following is the major source of phosphate pollutions in water bodies?

- A) Paper manufacturing industries
- B) Food and vegetable wastes
- C) Detergents
- D) Petroleum

### 2- Soil contains bits of decayed living organisms which is called

- A) rock
- B) gas
- C) water
- D) humus

3- Prolonged exposure to \_\_\_\_\_\_ is linked to skin cancer, genetic damage and immune system suppression in humans and animals, and lower yielding agricultural crops.

- (A) Ultra Violet B
- (B) Gamma Rays
- (C) Micro Wave
- (D) Beta Rays

## 4- Myopia is a disorder associated with which of the following sense organs?

A) Eyes





- B) Ears
- C) Skin
- D) Nose

5- In which type of interaction between two species, where one species benefits and the other is harmed?

- (A) Commensalism
- (B) Mutualism
- (C) Parasitism
- (D) Amensalism

### 6- Which of the following countries has highest biodiversity?

- (A) Brazil
- (B) South Africa
- (C) Russia
- (D) India

### 7- Which of the following is Nature's cleaner

- (A) Autotrophs
- (B) Decomposers
- (C) E-waste
- (D) Fertilizers







8- What is an element that is essential to the structure or metabolism called as?

- A) Autotrophic element
- B) Heterotrophic element
- C) Intrinsic element
- D) Extrinsic element

#### 9- Enzymes belong to which group of biological macromolecules?

- A) Protein
- B) Lipids
- C) Carbohydrates
- D) Minerals

### 10- Stiffening of the body muscles after death, is termed as:

- (A) Postmortem Hypostasis
- (B) Postmortem Lividity
- (C) Rigor Mortis
- (D) Algor Mortis

## 11- Salivary gland is a part of which of the following organ systems of human body?

- (A) Respiratory system
- (B) Digestive system
- (C) Reproductive system





(D) Lymphatic system

## 12- Which of the following glands is composed of follicles and stromal tissues?

- (A) Thyroid Gland
- (B) Adrenal Gland
- (C) Pineal Gland
- (D) Pituitary Gland

### 13- Who among the following first discovered human blood groups(ABO)?

- (A) Luc Simon
- (B) Darrell Salk
- (C) Karl Landsteiner
- (D) Albert Sabin

14- Which of the following statements is CORRECT as per fluid mosaic model of plasma membrane?

A) A bilayer is produced by phospholipids in the middle layer of the plasma membrane

B) Upper layer is partially polar and partially non-polar of the plasma membrane

C) Proteins are embedded in the centre of the upper and lower layer of the plasma membrane

D) Lower layer is non-polar and hydrophilic in nature of the plasma membrane







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15- SI unit of pressure is \_\_\_\_\_.

- (A) N/m<sup>3</sup>
- (B) Nm<sup>2</sup>
- (C) N/m
- (D) N/m<sup>2</sup>

### 16- Who discovered the element radium?

- (A) Joseph Priestly and J. Robert Oppenheimer
- (B) Henry Bequerel and Dmitri Mendeleev
- (C) Marie Curie and Pierre Curie
- (D) James Dalton and David Brewster

## 17- The slope of force - displacement graph gives the \_\_\_\_\_ of the body.

- (A) Momentum
- (B) Acceleration
- (C) Impulse
- (D) Force gradient

## 18- If two bodies stick together after collision and move as a single body, the collision is said to be

- A) perfectly inelastic
- B) perfectly elastic
- C) inelastic
- D) elastic







19- What is a coil of many circular turns of insulated copper wire wrapped closely in the shape of a cylinder known as?

- (A) Daniel cell
- (B) Multimeter
- (C) Galvanometer
- (D) Solenoid

## 20- What is the colour of insulation of live wire of the main electric power supply?

- (A) Green
- (B) Yellow
- (C) Red
- (D) Black

### 21- What is the IUPAC name of Formic Acid?

- (A) Butanoic acid
- (B) Ethanoic acid
- (C) Methanoic acid
- (D) Propanoic acid

#### Q-22 The superacid, Fluoroantimonic acid is a mixture of:

- (A) hydrogen fluoride and antimony pentafluoride
- (B) hydrogen iodide and antimony pentafluoride
- (C) hydrogen chloride and antimony trifluoride
- (D) hydrogen chloride and antimony tetrafluoride









#### 23- What are the non-stick cooking utensils coated with?

- (A) Anodized Aluminium
- (B) Enameled Cast Iron
- (C) Teflon
- (D) Copper

### 24- What furnace is used in the extraction of pig iron?

- A) Reverberatory furnace
- B) Blast furnace
- C) Puddling furnace
- D) Bessemer furnace

## 25-In Ancient India, the term 'Nishka' is a name given to which among the following options?

- A) Tax for agriculture
- B) Tool for wood cutting
- C) Currency coins
- D) A special wheat crop

### Q-26 Tripitaka is the sacred book related to which religion?

- (A) Judaism
- (B) Jainism
- (C) Buddhism
- (D) Zoroastrianism







27-Which of the following four Vedic texts is known as "The Veda of the Chants"?

- A) Rigveda
- B) Samaveda
- C) Yajurveda
- D) Atharvaveda

### 28. Who did preside over the Kanauj Assembly in 643 A. D. ?

- (A) Fa-Hien
- (B) I-Tsing
- (C) Hiuen-Tsang
- (D) Harsha-Vardhan

## Q-29 Arthashastra written by Kautilya comprised of how many Adikaranas or books?

- (A) 15
- (B) 10
- (C) 5
- (D) 20

## **30-** Who among the following personalities introduced the Chishti Silsila in India?

- A) Al-Hujwari
- B) Baba Farid
- C) Auliya
- D) Khwaja Muin-ud-Din







31- Ain-i-Akbari is the third volume of the Akbar Namah, written by:

- A) Abul Fazal
- B) Tomar Singh
- C) Tansen
- D) Humayun

32- Shivaji had formed a council of eight ministers that administered the Maratha empire. This council was called:

- A) Astha Mantri
- B) Astha Siddhi
- C) AsthaSena
- D) Astha Pradhan

### 33- Who united the Sikhs into one compact, in spite of their 12 Misis?

- (A). Guru Govind Singh
- (B) Ranjit Singh
- (C) Banda Bairagi
- (D) All of them

34- Arrange the following rulers of the Mughal dynasty in chronological sequence starting from the first ruler to have ruled over India.

- (a) Jahangir
- (b) Babur
- (c) Humayun





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- (d) Akbar
- A) (a), (b), (c), (d)
- B) (b), (c), (d), (a)
- C) (a), (c), (d), (b)
- D) (d), (a), (c), (b)

35- What was the title given to the head of military department during Akbar's reign in his administration?

- A) Sardar Qazi
- B) Mir Bakshi
- C) Diwan
- D) Kotwal

36- The Balkan plan for its 'Fragmentation of India' was the brainchild of which leader?

- A) V.P. Menon
- B) Mohammed Ali Jinnah
- C) Lord Mountbatten
- D) Winston Churchill

#### 37- Rowlatt Act was passed in which of the following years?

- A) 1918
- B) 1919
- C) 1921







D) 1916

38- Read the following statements and choose the CORRECT answer.

(i) In the year 1912, the coastal section was separated from Bengal Presidency and made into the Province of Bihar and Odisha.

(ii) It was in response to local agitation for a separate state for the Odia-speaking people.

A) Statement (i) is True and (ii) is False

B) Statement (i) is False and (ii) is True

C) Both the statements (i) and (ii) are True

D) Both the statements (i) and (ii) are False

#### 39- Lord Minto followed the policy of:

- (A) Non-Intervention"
- (B) Intervention
- (C) Both (A) and (B)
- (D) None of these

## 40- Which was the first kingdom annexed by British under Doctrine of Lapse in 1848?

- (A) Mysore
- (B) Jhansi
- (C) Satara
- (D) Jaipur







41. Pick out the incorrect one of the following pairs of important year and events.

SI. No.	Year	Event
1	1940	Mohammed Ali Jinnah demands separate statehood for Pakistan.
2	1942	8th August, Quit India Resolution
3	1943	21st Oct, INA organized by Subhas Chandra Bose
4	1950	November 26, Constitution of India adopted

- (A) Sl.No. 1
- (B) SI.No. 2
- (C) SI.No. 3
- (D) SI.No. 4

## 42- The Second Round Table Conference was held in which of the following years?

- A) 1931
- B) 1930
- C) 1939
- D) 1932

### 43- Who is the first Non-Indian to receive the Bharat Ratna?

- (A) Khan Abdul Ghaffar Khan
- (B) Amartya Sen
- (C) Mother Teresa.
- (D) Nelson Mandela:







44- Who among the following initially formed the Indian National Army, which was also known as Azad Hind Fauz?

- A) Chandra Shekar Azad,
- B) Mohan Singh,
- C) Lala Lajpat Rai
- A) Only A
- B) Only B
- C) Only C
- D) Both B and C

## 45- What was the name of the Operation started by the British Govt. to arrest the leaders of Quit India Movement?

- A) Operation Blue Star
- B) Operation Zero Hour
- C) Operation Thunder
- D) Operation Rhino

#### 46- Who were called the "nabobs"?

- A) English officers who were appointed in Indian Courts
- B) English children with one parent of Indian origin
- C) English children born in India
- D) English officials who returned to England with wealth







47- Gauhati High Court was a High Court for how many states of India until 2012?

- A) 2 States
- B) 3 States
- C) 7 States
- D) 5 States

## 48- Who among the following appoints the Judge of the High Court?

- A) President of India
- B) Election Commissioner of India
- C) Prime minister of India
- D) Governor

### 49- The dispute between the Union and the States can be decided by the Supreme Court under:

- (A) Original Jurisdiction
- (B) Appellate Jurisdiction
- (C) Advisory Jurisdiction
- (D) Judicial Review

## 50- What is the normal tenure of municipal bodies as provided by the 74 amendment Act?

- (A) Four years
- (B) Six years
- (C) Three years







(D) Five years

## 51- In which year, did Air (Prevention and Control of Pollution) Act come into force in India?

- (A) 1981
- (B) 1978
- (C) 1976
- (D) 1982

## 52- Who was the first Chief Election Commissioner of Independent India?

- (A) Sukumar Sen
- (B) K.V.K. Sundaram
- (C) T Swaminathan
- (D) M.S. Gill

53- Which of the following was incorporated to inculcate responsible behaviour among the citizens of India?

- A) Fundamental Rights
- B) Directive Principles
- C) Fundamental Duties
- D) Socialistic Principles

54- Indian Constitution is regarded as the guarantor and the protector of which of the following given parameters?

#### i) Fundamental Rights





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ii) Directive Principles of State Policy

#### iii) Fundamental Duties

- A) Only ii and iii
- B) Only i and iii
- C) Only ii
- D) Only i

## 55- The right to privacy was recognised as a fundamental right in which of the following Supreme Court judgements?

- (A) Justice K. S. Puttaswamy vs Union of India
- (B) Golaknath vs the State of Punjab
- (C) Laxmanrao Patil vs the State of Maharashtra
- (D) Indian young lawyers association vs the State of Kerala

## 56- Which of the following committees recommended for the inclusion of Fundamental Duties in the Indian Constitution?

- (A) J. B. Kripalani committee
- (B) Punchi committee
- (C) Swaran Singh committee
- (D) Sarkaria commission

## 57- Which Article empowers the President to appoint the PM of India?

- A) Art 74
- B) Art 75







C) Art 76

D) Art 77

## 58- Which part of the Constitution advocates to secure opportunities for healthy development of children?

- (A) Directive Principles of State Policy Article 43B
- (B) Directive Principles of State Policy Article 39
- (C) Fundamental Rights Article 28
- (D) Fundamental Rights Article 17

## 59- The Parliamentary system of Government in India is based on which Model of Government?

- A) Direct
- **B)** Presidential
- C) Westminster
- D) Indirect

### 60- Who presides over a joint sitting of parliament ?

- (a) President
- (b) Vice-President
- (c) Prime Minister
- (d) Speaker of Lok Sabha

### 61- When a Money Bill passed by the Lok Sabha is sent to the Rajya Sabha, it must be returned to the Lok Sabha by the Rajya Sabha within





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- A) Twenty eight days
- B) One month
- C) Six months
- D) Fourteen days

## 62- The ideals of "liberty, equality and fraternity" in our Preamble have been taken from the:

- (A) Glorious Revolution
- (B) French Revolution
- (C) Russian Revolution
- (D) American Revolution

### 63- Smt. Droupadi Murmu who is the current President of India, was the Governor of which of the state?

- (A) Jharkhand
- (B) Odisha
- (C) Uttarakhand
- (D) West Bengal

## 64- Which of the following is a discretionary function of the Panchayat?

- A) Construction, maintenance and cleaning of drainage system
- B) Supply of drinking water to the villages
- C) Organization, management and promotion of cottage industries

D) Construction, maintenance of village roads and provision of sanitation in the village







65- In India, the State Legislative Assembly Elections are conducted by \_\_\_\_\_\_.

- (A) Lokayukta
- (B) State Election Commission
- (C) Lokpal
- (D) Election Commission of India

### 66. Uttarkashi Tunnel is in which state?

- (A) Uttar Pradesh
- (B) Uttarakhand
- (C) Himachal Pradesh
- (D) Delhi

## Q-67 Ladakh is a biogeographic province of which of the following biogeographical zones of India?

- (A) Gangetic Plains
- (B) Trans-Himalaya
- (C) Western Ghats
- (D) Desert

## 68- If you travel to Jammu & Kashmir and Ladakh region, what type of climate will you experience?

- A) Summers are wet and cold and winters are dry and hot
- B) Summers are wet and hot and winters are dry and hot
- C) Summers are dry and hot and winters are wet and cold
- D) Summers are dry and pleasant and winters are dry and very cold







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#### 69- Choose the example of rabi crop.

- A) Jute
- B) Cotton
- C) Wheat
- D) Rice

### 70- Largest exported agriculture product of India is

- A) Papaya
- B) Wheat
- C) Non-Basmati rice
- D) Basmati Rice

### 71- Tungabhadra Dam is located in the state of

- (A) Telangana
- (B) Karnataka
- (C) Maharashtra
- (D) Andhra Pradesh

## Q-72 Which of the following shipyards is located in Visakhapatnam, Andhra Pradesh?

- (A) Cochin Shipyard Limited
- (B) Mazagon Dock Shipbuilders Limited
- (C) Hindustan Shipyard Limited
- (D) Garden Reach Shipbuilders and Engineers Limited







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73- Karika, Sundari, Bani, Rai, Guan are the characteristic tree species of which forest type of Odisha?

- (A) Tropical Dry Deciduous Forests
- (B) Northern Tropical Semi-evergreen Forests
- (C) Tropical Moist Deciduous Forests
- (D) Tidal Mangrove Forests

# 74- Which of the following options is the most important reason for Eastern Himalayas having coniferous vegetation at higher altitude compared to the Western Himalayas?

- A) Eastern Himalayas receive more rainfall
- B) Eastern Himalayas is located at lower latitudes
- C) Eastern Himalayas has lesser deforestation
- D) Western Himalayas receive rainfall twice a year

### 75- The Maikal hills are located in which state of India?

- A) Maharashtra
- B) Orissa
- C) Jharkhand
- D) Chhattisgarh

## 76- In which of the following orders on would notice hill range along the (b) Western Ghats from North to South?

- (a) The Anamalai, The Cardamom, The Sahyadri, The Nilgiris
- (b) The Cardamom, The Anamalai, The Nilgiris, The Sahyadri
- (c) The Sahyadri, The Anamalai, The Nilgiris, The Cardamom







(d) The Sahyadri, The Nilgiris, The Anamalai, The Cardamom

77- Choose the CORRECT option for the given statements.

(i) Bara-lacha Pass is a high mountain pass in the Western Ghats mountain range.

(ii) Bara-lacha Pass connects Lahaul district in Himachal Pradesh to Leh district in Ladakh.

- A) Statement (i) is True and (ii) is False
- B) Statement (i) is False and (ii) is True
- C) Both the statements (i) and (ii) are True
- D) Both the statements (i) and (ii) are False

## 78- Which of the following was designated as the 1st "Ramsar Site" of India?

- (A) Gahirmatha beach
- (B) Anshupa Lake
- (C) Chilika Lake
- (D) Bhitarkanika Mangroves

## 79- Which of the following is the INCORRECT reason for the degradation of potable water?

A) The untreated sewage from domestic households let into the rivers

B) The movement of saline water into river due to decrease of ground water level

- C) The untreated industrial waste from factories let into the rivers
- D) Cutting down trees and desertification





80- Which of the following soil looks yellow when it occurs in a hydrated form?

- (A) Red soil
- (B) Alluvial Soils
- (C) Arid soil
- (D) Black soil

81- The area of the earth between the Tropic of Cancer and the Tropic of Capricorn where world's largest hot deserts likeSahara lie is:

- A) Temperate zone
- B) Polar zone
- C) Arctic zone
- D) Torrid zone

82- What is the chemical composition of the outer core of the earth?

- A) Iron and Nickel
- B) Iron and Aluminium
- C) Silca and Aluminium
- D) Silca and Magnesium

83- Hangul, the only species of red deer to be found in India is conserved in which of the following national parks?

A) Manas National Park





- B) Namdapha National Park
- C) Dachigam National Park
- D) Kaziranga National Park

## 84- Which of the following is the second largest east flowing peninsular river in India?

- (A) Godavari
- (B) Krishna
- (C) Kaveri
- (D) Pennar

### 85- Which is the correct example of metamorphic rocks?

- A) Limestone into slate
- B) Marble into limestone
- C) Sandstone into quartzite
- D) Gneiss into granite

## 86- Which of the following is a CORRECT match between natural resource and their respective mines?

- A) Iron ore Khetri
- B) Manganese Dalli Rajhara
- C) Bauxite Lohardaga
- D) Coal Balaghat







87- How do we call the central stretch of the West Coastal plains of India?

- (A) Gujarat Plain
- (B) Konkan Plain
- (C) Malabar Plain
- (D) Kannad plain

### 88- Which of the following is the longest National waterway in India?

- (A) National Waterway 5
- (B) National Waterway 1
- (C) National Waterway 2
- (D) National Waterway 3

## 89- Which method is used to fix the dates of material remains recovered as a result of excavation and exploration?

- A) Archaeology
- **B)** Pollen Analysis
- C) Carbon Dating
- D) Inscription

### 90- What is the full form of 'NBFC', a type of financial Institution?

- (A) Nominal Banking Financial Company
- (B) National Banking Financial Company
- (C) Non-Banking Financial Company







(D) Net Banking Financial Company

## 91- Who is entrusted with the responsibility of conducting monetary policy in India?

- (A) State Bank of India
- (B) Reserve Bank of India
- (C) Indian Overseas Bank
- (D) Indian Bank

### 92- Which of the following is a Direct Tax in India?

- (A) Customs Duty
- (B) Goods and services Tax
- (C) Value Added Tax
- (D) Income Tax

93- As per Census 2011, which of the following states of India has no Scheduled Tribe population?

- (A) Punjab
- (B) Gujarat
- (C) Uttar Pradesh
- (D) Rajasthan

94- Which Five Year Plan in India for the first time emphasised sustained growth of Software and Information Technology (IT) enabled services?

(A) Ninth Five Year Plan







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- (B) Tenth Five Year Plan
- (C) Eleventh Five Year Plan
- (D) Twelfth Five Year Plan

## 95- Where is the headquarters of World Meteorological Organization (WMO) located?

- (A) Paris
- (B) Washington D.C.
- (C) Geneva
- (D) New York

## 96- Which of the following is the capital and the most populous city of Argentina?

- A) Botswana
- B) Brussels
- C) Buenos Aires
- D) Baharin

### 97. Which is the currency of Philippines?

- (A) Peso
- (B) Ngultrum
- (C) Rufiyaa
- (D) Franc







98- Which of the following cities is known as the 'Diamond city of India'?

- (A) Coimbatore
- (B) Kanpur
- (C) Ludhiana
- (D) Surat

## 99- Who was the first Indian woman to climb Mount Everest without oxygen?

- (A) PiyaliBasak
- (B) Bachendri Pal
- (C) Arunima Sinha
- (D) Santosh Yadav

### 100- Who among the following designed the first modern airconditioning system in 1902?

- (A) Alexander Graham Bell
- (B) Charles Richter
- (C) Willis Carrier
- (D) Gottlieb Daimler

## 101- Bathukamma is a flower festival celebrated predominantly in which of the following states of India?

- (A) Uttar Pradesh
- (B) Madhya Pradesh
- (C) Odisha





(D) Telangana

102-\_\_\_\_\_ is the highest prize awarded at the Cannes Film Festival.

- (A) Palme d'Or
- (B) Templeton Prize
- (C) Vega Medal
- (D) Penrose Medal

### 103- The World Water Day is celebrated on

- (A) 10th December
- (B) 5th June
- (C) 22nd March
- (D) 2nd February

104- In Rugby, which of the following options is a means of restarting play after a stoppage which has been caused by a minor infringement of the Laws?

- A) Back
- B) Hooker
- C) Scrum
- D) Front

105- In the context of UN 2030 Agenda, SDG stands for

(A) Specific Direct Goals





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- (B) Sustainable Development Goals
- (C) Special Development Goals
- (D) Standard Development Goals

### 106- The International Court of Justice is composed of how many judges?

- (A) 20 judges
- (B) 10 judges
- (C) 25 judges
- (D) 15 judges

### 107- Who built the Barabati Fort in the beginning of the 13th century?

- (A) Anangabhimadeva III
- (B) Vajrahasta V
- (C) Narasimha Deva IV
- (D) Rajaraja Deva II

## 108- In January 1804, Major Broughton, conquered Sambalpur by defeating which Maratha Governor?

- (A) Tantia Pharnavis
- (B) Chandrasekhar Deba
- (C) Pratap Rudra Singh
- (D) Madan Gopal







## 109-The Odisha is bounded in the north-east by which of the following states?

- (A) Chhatisgarh
- (B) West Bengal
- (C) Andhra Pradesh
- (D) Gujarat

### 110- Who wrote the poem 'Chilika' ?

- A. Gangadhar Meher
- B. Jagannatha Das
- C. Chaitanya Das
- D. Radhanath Ray

## 111- Which of the following is the most Urbanised district of Odisha as per the 2011 Census?

- (A) Khordha
- (B) Angul
- (C) Jharsuguda
- (D) Kandhamal

### 112- The second generation of computers is known as:

- (A) Era of Circuits
- (B) Era of Vacuum Tubes
- (C) Era of Microchips
- (D) Era of Transistors







113- \_\_\_\_\_ in the start menu displays useful updated information from the app, such as new email alerts, weather details, news or recent social network status updates.

- (A) Live Tiles
- (B) Quick Tiles
- (C) Static Tiles
- (D) Wall Tiles

114- The number of packets passing through the network in a unit of time is called \_\_\_\_\_.

- (A) Throughput
- (B) Latency
- (C) Load
- (D) Delay

115-ARPANet is the first wide area network packet switched network. ARPANet stands for

- A) Advanced Range Peer Agency Network
- B) Advanced Research Projects Agency Network
- C) American Research Public wide Area Network
- D) American Range wide Public Area Network

## 116- Which of the following keys is chosen by database designer to identify entities in an entity set?

A) Index key





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- B) Primary key
- C) Foreign key
- D) Local key

### 117- The full form of AVI, a type of file format is \_

- (A) Audio Video Interleaved
- (B) Audio video interlink
- (C) Audio video interchange
- (D) Audio Visual Interface

### 118- Identify the in-built email software in Ubuntu.

- (A) Firefox
- (B) Internet Explorer
- (C) Thunderbird
- (D) Chrome

119- What do you mean by a program or software in which the source code is available to the general public for use and/or modification from its original design free of charge?

- A) Open source
- B) Licenced software
- C) Agreement
- D) Private software

#### 120- Dot Matrix Printer is a/an





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- A) Memory device
- B) Processing device
- C) Input device
- D) Output device

## 121- Which data system provides a way of connecting directly to computer systems on the Internet?

- A) CU-SeeMe
- **B) TELNET**
- C) Gopher
- D) USENET newsgroups

## Q-122 Identify the correct statement regarding the internet and intranet.

(A) An intranet is used by multiple organizations, while the internet is private.

(B) An intranet is used by multiple organizations, while the internet is global.

(C) An intranet is used by a single organization, while the internet is global.

(D) An intranet is used by a single organization, while the internet is private.

#### 123- The allocation and deallocation of Memory is managed by

- (A) ALU
- (B) MMU
- (C) GPR





(D) GPL

## 124- Which device is used to transfer the data directly to main memory without using CPU?

- (A) Disk controller
- (B) DMA controller
- (C) Processor
- (D) Device driver

## 125.Which of the following can be recognized by the OCR with the help of light source?

- A) Size
- B) Shape
- C) Colour
- D) Used Ink

#### 126- Clock speed is the speed at which a microprocessor

- (A) interprets instructions
- (B) writes instructions
- (C) executes instructions
- (D) reads instructions

127- \_\_\_\_\_ is a standalone malware computer program that replicates itself in order to spread to other computers.

(A) Phishing







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- (B) Worms
- (C) Spoofing
- (D) Bug

## 128- Which printer prints characters and images without direct physical contact between the paper and the printing machinery?

- A) Non-Impact Printer
- B) Character Printer
- C) Line printer
- D) Impact Printer

### 129- Which among the following is not owned by Facebook?

- A) Instagram
- B) Messenger
- C) Duo
- D) Whatsapp

# 130- The data flows or is transmitted between the system and peripheral devices in the following ways

- i) Serial
- ii) Parallel
- A) Only i
- B) Only ii
- C) Both i and ii







D) Neither i nor ii

## 131- "There are no changes in the received message. It is the same as the original message", this statement depicts

- A) Confidentiality
- B) Integrity
- C) Availability
- D) Redundancy

#### 132- Which is the key shortcut Turn High Contrast on or off?

- A) Win+Alt+shift+print screen
- B) left Alt + left Shift + Print Screen.
- C) Ctrl+Alt+shift+print screen
- D) Alt+shift+print screen

#### 133- Which of the following options will allow multiple users to work on the same word document at a time instead of multiple documents?

- A) Word document sharing through mail
- B) Splitting and Collaborating a word document

C) Place the document in onedrive/Google drive and share with the users

D) None of the given options

# 134- \_\_\_\_\_ option in Excel allows you to set boundary limits to print only the select specific ,range of cells in that boundary.







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- (A) Clear Print Area
- (B) Select Page Orientation
- (C) Set Print Area
- (D) Set Page Border

**135.Question:** Who is the President of Nepal as of February 2025?

- (A) Bidhya Devi Bhandari
- (B) Pushpa Kamal Dahal
- (C) Ram Chandra Poudel
- (D) K. P. Sharma Oli

### 136- As of February 1, 2025, who is the President of France?

- A) Emmanuel Macron
- B) François Hollande
- C) Nicolas Sarkozy
- D) Marine Le Pen

# 137 Who is the Chief Minister of Andhra Pradesh as of February 1, 2025?

- (A) N. Chandrababu Naidu
- (B) Y. S. Jagan Mohan Reddy
- (C) K. Rosaiah
- (D) V. Hanumantha Rao

138- Who is the Lieutenant Governor of Jammu & Kashmir as of February 1, 2025?(A) Manoj Sinha(B) Girish Chandra Murmu







- (C) Satya Pal Malik
- (D) Radha Krishna Mathur

139- Who is the Chief Justice of the Andhra Pradesh High Court as

- of February 1, 2025?
- (A) Justice Dhiraj Singh Thakur
- (B) Justice Devendra Kumar Upadhyaya
- (C) Justice T.S. Sivagnanam
- (D) Justice Ramesh Sinha

140- Who recently became India's top-ranked chess player and 4th globally in the FIDE rankings?

- (A) Viswanathan Anand
- (B) Arjun Erigaisi
- (C) D Gukesh
- (D) Praggnanandhaa

141- Who was sworn in as the 51st Chief Justice of India on November 11, 2024?

- (A) Justice D.Y. Chandrachud
- (B) Justice Arun Mishra
- (C) Justice S.A. Bobde
- (D) Justice Sanjiv Khanna

142- Which country is set to become the 'GCC Capital of the World'?

- (A) United States
- (B) China
- (C) Germany
- (D) India







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143- Which institution completed India's first Hyperloop test track?

- (A) IIT Delhi
- (B) IIT Bombay
- (C) IIT Kanpur
- (D) IIT Madras

144- Which country has signed a pact with India to enhance submarine rescue operations?

- (A) Australia
- (B) South Africa
- (C) Brazil
- (D) Singapore

145- Which organization plans to launch a nuclear reactor on the Moon by 2036?

- (A) NASA
- (B) SpaceX
- (C) ISRO
- (D) Rosatom

146- What is the revised GDP growth forecast for India in FY2024-25 according to the IMF?

- (A) 7%
- (B) 6.8%
- (C) 8.2%
- (D) 6.5%

147- In which state will PM Modi inaugurate the Ken-Betwa river linking project?

- (A) Uttar Pradesh
- (B) Madhya Pradesh
- (C) Rajasthan
- (D) Gujarat







148- How many languages were recently granted classical language status in the latest Union Cabinet decision?

- (A) Three
- (B) Four
- (C) Five
- (D) Six

149- Who became Mexico's first female president?

- (A) Rosario Robles
- (B) Claudia Sheinbaum
- (C) Margarita Zavala
- (D) Beatriz Paredes

150- Who won the men's 100-meter sprint gold at the 2024 Paris Olympics?

- (A) Noah Lyles
- (B) Kishane Thompson
- (C) Fred Kerley
- (D) Justin Gatlin

### **MATH**

151. The sides of a triangle are in the ratio of  $\frac{1}{2}$ :  $\frac{1}{3}$ :  $\frac{1}{4}$  and its perimeter is 78 cm. Find the length of the shortest side of the triangle.

- (A) 18cm
- (B) 24cm
- (C) 36cm
- (D) 72cm







152- Find the sum of all the interior angle of a polygon having 43 sides. (In degree)

- (A) 7480
- (B) 7280
- (C) 7380
- (D) 7580

153- A solid piece of iron whose length, breadth and height are 44cm, 42cm and 21cm respectively is moulded into a sphere. The radius of the sphere is:

- (A) 42cm
- (B) 49cm
- (C) 21cm
- (D) 35cm

154- What is the angle of elevation of the Sun, when the length of the shadow of a tree is  $\sqrt{3}$  times the height of the tree?

- (A) 25°
- (B) 30°
- (C) 45°
- (D) 60°

155. When Rahul was born, his father was 32 years older than his brother and his mother as 25 years older than his sister. If Rahul's brother is 6 years older than him and his mother is 3 years younger than his father, how old was Rahul 's sister when he was born?







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- (a) 7 years
- (b) 10 years
- (c) 14 years
- (d) 19 years

156- The average of 162 lab readings was 58 units. Later on it was found that a reading 220was wrongly typed as 58. Find the correct average.

- (A) 57
- (B) 59
- (C) 61
- (D) 63

157- For three consecutive years, the cost of a product were Rs.134 per litre, Rs.268 per litre and Rs.335 per litre respectively. If a common man spends an average of Rs.14740 per year on that product, then what is the average cost of that product per litre for the three years? (In Rs. - upto two decimals)

- (A) 201.57
- (B) 221.57
- (C) 211.57
- (D) 231.57

158. A boat running upstream covers a distance of 10 km in 30 min and while running downstream, it covers the same distance in 25 min. What is the speed of the river current (in km/h)?

A. 20







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- B. 2.2
- C. 2
- D. Couldn't be determined

159- Simple interest on a sum at 20% per annum for 2 years is Rs.1040. Find the amount under compound interest on the same sum for the same period and same rate of interest.(in Rs)

- (A) 3644
- (B) 3544
- (C) 3844
- (D) 3744

Q-160 If Suresh borrows Rs.36,000 from Mahesh at the rate of 6% simple interest, then what is the total amount that Suresh has to pay at the end of 4 years ?

- (A) Rs.42,960
- (B) Rs.33,560
- (C) Rs.43,960
- (D) Rs.44,640

Q-161. A shopkeeper marks his goods 30% above the cost price and allows a discount of 10% on the marked price. In order to earn 6.5% more profit, what would be the discount on the marked price?

- (A) 4%
- (B) 5%
- (C) 5.5%
- (D) 6%







162- What is the smallest number which when decreased by 5 is divisible by 16, 24, 30 and 32 ?

- (A) 485
- (B) 490
- (C) 475
- (D) 480 .

163. If a man spends  $\frac{5}{8}$  part of money and again earns  $\frac{1}{3}$  part of the remaining money, what part of his money is with him now?

- $(A)\frac{3}{8}$
- (B)  $\frac{3}{4}$
- $(C)\frac{1}{4}$
- (D)  $\frac{1}{2}$

164- Find the LCM of 6/7 and 8/9

- (A) 33
- (B) 35
- (C) 24
- (D) 27

165. A, B and C start running at the same time and at the same point in the same direction in a circular stadium. A completes a round in 252 seconds, B in 308 seconds and C in 198 seconds. After what time will they meet again at the starting point?"

(A) 26 minutes 18 seconds.







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(B) 42 minutes 36 seconds

- (C) 45 minutes
- (D) 46 minutes 12 seconds

166- In what ratio must a grocer mix two varieties of pulses costing Rs.72 and Rs.96 per kg respectively so as to get a mixture worth Rs.83 per kg?

- (A) 11:13
- (B) 13:10
- (C) 10:13
- (D) 13:11

167- Dhanush donates 22% of his savings to an old age home, 23% of the savings to an orphanage and 24% of his savings to foundations for medical help. The remaining amount of Rs.9300 of savings is deposited in bank. Find the salary of Dhanush, if 40% of the salary is his savings amount. (In Rs.)

- (A) 50000
- (B) 75000
- (C) 40000
- (D) 20000

Q-168. A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:

- (A) 588 apples
- (B) 600 apples
- (C) 672 apples
- (D) 700 apples







169- Pipe A can fill a tank in 132 minutes and Pipe B can fill the same tank in 264 minutes. If both pipes are opened together, how many minutes will it take to fill the empty tank?

- (A) 88
- (B) 84
- (C) 86
- (D) 82

170- By selling a table for Rs.3420, a shopkeeper loses 10%. At what price should he sell it to gain 10%?(in Rs.)

- (A) 4280
- (B) 4480
- (C) 4380
- (D) 4180

171. A person sold a T.V set at Rs.3450 making a profit of 15% and sold another T.V set at a loss of 10%. If on the whole there is no profit or loss, what is the sale price of second T.V set?

- A) Rs.3450
- B) Rs.4000
- C) Rs.4500
- D) None of these

172- If x : y = 5 : 2, then (8x + 9y) : (8x + 2y) is :

A- 22 : 29







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B- 26 : 61 C- 29 : 22 D- 61 : 26

173- The marks scored by a student in four subjects are in the ratio of 4 : 3 : 7 : 6. The candidate scored an overall aggregate of 60% of the sum of the maximum marks and the maximum marks in all four subjects are same. In how many subjects did he score more than 60% marks?

A) 4

B) 3

C) 1

D) 2

174- A man driving his bike at 36 kmph reaches his office 20 minutes early. Had he driven the bike at 24 kmph he would have reached 40 minutes late. How far is his office?

- A) 48 Kms
- B) 60 Kms
- C) 72 Kms
- D) 80 Kms

175- If a bus travels from city A to city B with a speed of 585 kmph and another bus travels from city B to city A with a speed of 495 kmph, find the relative speed when both the buses cross each other.(In m/s)

(A) 294

(B) 300







(C) 298

(D) 296

176- Farook can do a piece of work in 98.5 days. Edwin is 25% more efficient than Farook. Find the number of days taken by Edwin to do the same piece of work.

- (A) 76.8
- (B) 78.8
- (C) 77.8
- (D) 79.8

177- 2 men and 3 boys can do a piece of work in 135 days while 3 men and 2 boys can do the same work in 108 days. In how many days can 5 men and 5 boy do the work?

- (A) 62
- (B) 64
- (C) 60
- (D) 66

178- A rectangular block, having length, breadth and height 16cm, 12cm and 8cm respectively, is cut into an exact number of equal cubes. Find the least possible number of cubes.

(A) 18

(B) 24







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(C) 30

(D) 36

#### **Q-179** Find the square root of the surd 7 + $\sqrt{48}$ .

- A) 3 + √6
- B) 2 + √6
- C) 2 + √3
- D) 4 + √3

180- While counting the number of pages of a book, the digit 1 occurs 136 times. Then, the number of pages in the book is

- (A) 193
- (B) 195
- (C) 197
- (D) 201

### **REASONING**

181- Choose the option that completes a relationship that is the same as the relationship in the first pair.

Acting : Theatre :: Gambling : ?

- A) Casino
- B) Club







C) Bar

D) Gym

182- If Night is called Morning, Morning is called Evening, Evening is called Afternoon, then when does the sun rise?

- A) Night
- B) Morning
- C) Evening
- D) Afternoon

183- Replace the question mark with an option that follows the same logic applied in the first pair TLB : VND :: ?? : QOG

TLB : VND :: ?? : QOG

- (A) OMF
- (B) QNE
- (C) QNF
- (D) OME

184- Select the combination of numbers so that letters arranged accordingly will form a meaningful word.

- 1.L 2. R 3. W 4. O 5. D
- (A) 2, 1, 3, 5, 4
- (B) 3, 4, 5, 2, 1
- (C) 3, 4, 2, 1, 5







(D) 2, 1, 4, 5, 3

185- Pointing to a man in a photograph, women says, "he is the father of my only daughter in law's father-in-law." How is the man related to the woman?

- (A) Brother
- (B) Husband
- (C) Father-in-law
- (D) Father

### 186- If M is the brother of N; N is the sister of O; and O is the father of P, then how is M related to P?

- A) Niece
- B) Cousin
- C) Uncle
- D) Not sufficient information

### 187- In a certain code language MOUSE is written as HVXRP. How is EAGLE written in that code language?

- A) HOJDH
- B) FMHBF
- C) ELGAE
- D) GNICG

## 188- I. 'fa la' means 'He come' and 'pa la' means 'He do' in the code language







II. 'fa ba' means 'They come' and 'ca fa' means 'she come' in the code language

A) BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient

B) Statement (I) ALONE is sufficient, but statement (II) alone is NOT sufficient

C) Statement (II) ALONE is sufficient, but statement (I) alone is NOT sufficient

D) EACH statement ALONE is sufficient

### 189- At what time between 6 o'clock and 7 o' clock will the hands of a clock coincide?

- (A) 6 past 33(8/11)
- (B) 6 past 32(8/11)
- (C) 6 past 35(8/11)
- (D) 6 past 34(8/11)

#### 190- What was the day of the week on 25th December, 2003?

- (A) Wednesday
- (B) Tuesday
- (C) Friday
- (D) Thursday

191- Complete the series: 6, 20, ? 200, 606, 1820







A) 20

- B) 10
- C) 66
- D) 50

## 192- Which of the following statements is an odd man out with respect to the arrangement?

- (A) DA
- (B) EA
- (C) FC
- (D) EB

193- The statement given below is followed by assumptions numbered as 1 and 2. Look at the statements and decide which of the assumptions is/are implicit.

Give your answer as per below options:

- A) If only assumption 1 is implicit.
- B) If only assumption 2 is implicit.
- C) If neither 1 nor 2 is implicit.
- D) If both 1 and 2 are implicit.

- Statement: In spite of having free public transportation, people prefer using their own vehicle to transport.

#### **Assumptions:**







- 1. Private vehicle are cheaper than the public transport fair.
- 2. People may not find it convenient due to poor maintenance.
- (A) C
- (B) A
- (C) D
- (D) B

194- The statement given below is followed by assumptions numbered as 1 and 2. Look at the statements and decide which of the assumptions is/are implicit.

Give your answer as per below options:

- A) If only assumption 1 is implicit.
- B) If only assumption 2 is implicit.
- C) If neither 1 nor 2 is implicit.
- D) If both 1 and 2 are implicit.

- Statement: In spite of having free public transportation, people prefer using their own vehicle to transport.

Assumptions:

- 1. Private vehicle are cheaper than the public transport fair.
- 2. People may not find it convenient due to poor maintenance.
- (A) C







(B) A

- (C) D
- (D) B

195- Statement: When delivering a speech, use more metaphors and quotations instead of acronyms and jargons.

Assumptions:

1. Using metaphors and quotations can help bring your speech to life and keep the audience engaged.

2. Eye contact is also essential to form a connection with the audience.

- (A) A
- (B) D
- (C) C
- (D) B

196- Instruction: Below mentioned are statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from the commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

All mangoes are fruits.

No fruit is flower

**Conclusions:** 







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- I) No mango is flower
- II) All fruits are mangoes
- A) None of the conclusions follow
- B) Only I follows
- C) Both I and II follows
- D) Only II follows

197- Instruction: Below mentioned are statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from the commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Some receivers are sensors.

All the transmitters are sensors.

All the amplifiers are receivers.

**Conclusions:** 

- I) No amplifier is sensor.
- II) All the receivers are amplifiers.
- III) All the sensors are transmitters.
- A) Both conclusions II and III follows
- B) None of the conclusions follow
- C) Both conclusions I and II follows







D) Only conclusion II follows

198- Santprasad walked 50 m towards North. Then she turned left and walked 25 m, then again she turned left and walked 40 m. Finally she turned right and continued to walk. In which direction was she walking finally?

- A) East
- B) West
- C) North
- D) South

199- A stands in the 60th position from the front of the queue and there are 3 persons between A and B .B stands after A. If the first 20 persons are removed from the queue then what is the position of B from the front of the queue?

- (A) 40
- (B) 44
- (C) 52
- (D) 48

### 200. A dice is numbered from 1 to 6 in different ways. If 1 is opposite to 5 and 2 is opposite to 3, then:

- (A) 4 is adjacent to 3 and 6
- (B) 2 is adjacent to 4 and 6







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- (C) 4 is adjacent to 5 and 6
- (D) 6 is adjacent to 3 and 4

