

OSSC-Junior-Clerk-Previous-Year-Question-2021

General Awareness

Q1. Who can become the Chairman of the National Human Rights Commission?

- (a) Any Retired Chief Justice of any High Court
- (b) Any sitting Judge of the Supreme Court
- (c) Judges of any High Court
- (d) Retired Chief Justice of the Supreme Court

Q2. Who among the following is not included in the Committee for the appointment of the Chairperson of the NHRC?

- (a) The President
- (b) Home Minister
- (c) The Prime Minister
- (d) The Chief Justice

Q3. Who constitutes the Finance Commission of India?

- (a) Finance Minister
- (b) NITI Aayog
- (c) Chief Economic Advisor
- (d) President

Q4. Barnacles growing on the back of a whale show what type of population interaction?

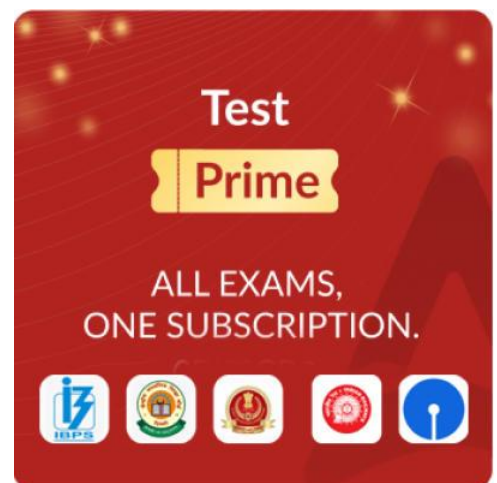
- (a) Parasitism
- (b) Amensalism
- (c) Mutualism
- (d) Commensalism

Q5. Which of the following is not a GUI operating system?

- (a) macOS
- (b) MS Windows 95
- (c) MS Windows 7
- (d) MS DOS

Q6. How many human rights treaty bodies are there in India?

- (a) 8
- (b) 10
- (c) 6
- (d) 9



Q7. What is the tenure of the Chairman of the NHRC?

- (a) 5 years or upto 65 years of age
- (b) 4 years or upto 65 years of age
- (c) 4 years or upto 70 years of age
- (d) 5 years or upto 70 years of age

Q8. Who was called "Mahasenapati" during the rule of Somavamsi Dynasty?

- (a) Chief Minister
- (b) Commander-in-Chief
- (c) Brahmins
- (d) Royal Servants

Q9. Solid carbon dioxide, is also called _____.

- (a) Ice
- (b) Isotope of carbon
- (c) Deep freeze ice
- (d) Dry ice

Q10. Most of the Ozone is present in _____.

- (a) Stratosphere
- (b) Troposphere
- (c) Mesosphere
- (d) Hydrosphere

Q11. Which of the following was written by Ashvaghosha?

- (a) Arthashastra
- (b) Buddhacarita
- (c) Shukra Niti
- (d) Charaksamhita

Q12. What do we call the organisms that can tolerate and thrive in a wide range of temperature?

- (a) Thermocline
- (b) Halocline
- (c) Stenothermal
- (d) Eurythermal

Q13. Which of the following is false regarding the Scheduling?

- (a) SFN is an approach to minimize waiting time.
- (b) In FCFS, each process is assigned a priority. Process with highest priority is to be executed first and so on.
- (c) FCFS Jobs are executed on first come, first serve basis.
- (d) Priority scheduling is a non-preemptive algorithm and one of the most common scheduling algorithms in batch systems.

Q14. Which of the following "Aerospace" company has a world record by launching 143 satellites in a single rocket?

- (a) SpaceX
- (b) General Dynamics
- (c) Boeing
- (d) United Technologies

Q15. Which among the following is the major tributary of the River Brahmani?

- (a) Sohadra
- (b) Morel
- (c) Sankh
- (d) Mashi

Q16. Which of the following is not an interpreter based programming language?

- (a) Perl
- (b) Java
- (c) Python
- (d) JavaScript

Q17. To which among the following is the Comptroller and Auditor General of India responsible to?

- (a) Supreme Court
- (b) Ministry of Finance
- (c) Parliament
- (d) Finance Commission

Q18. Power house of the cell is/are _____.

- (a) Mitochondria
- (b) Endoplasmic reticulum
- (c) Lysosomes
- (d) Golgi complex

Q19. The First Meeting of the Joint Working Group in the field of Renewable Energy was held between India _____ in, virtual format.

- (a) Republic of Chad
- (b) Kingdom of Bahrain
- (c) Republic of Sri Lanka
- (d) Kingdom of Bhutan

Q20. Which of the following International Organization has released the "World Economic Outlook, 2021" report?

- (a) Universal Postal Union
- (b) International Monetary Fund
- (c) World Health Organization
- (d) World Economic Forum

Q21. Which among the following Tech Giants launched the web platform "Women Will" web platform on the occasion of "International Women's Day"?

- (a) Microsoft
- (b) Google
- (c) Facebook
- (d) Amazon

Q22. The genetic information in the DNA is not expressed directly but is transferred via messenger RNA (mRNA). This process is called _____.

- (a) Translation
- (b) DNA Replication
- (c) PCR
- (d) Transcription

Q23. The process of changing a gas to a liquid by cooling is called _____.

- (a) Melting
- (b) Condensation
- (c) Freezing
- (d) Sublimation

Q24. Who is the Chairperson of the NITI Aayog?

- (a) CEO of NITI Aayog
- (b) Home Minister
- (c) President
- (d) Prime Minister

Q25. Who among the following is a Shaka/Scythians ruler?

- (a) Ashoka
- (b) Rudradaman
- (c) Gondophernes
- (d) Kanishka

Q26. Which of the following Indian states shares its border with both Bangladesh and Bhutan?

- (a) Nagaland
- (b) Sikkim
- (c) West Bengal
- (d) Meghalaya

Q27. Which of the following Ministries is associated with the Central Bureau of Investigation?

- (a) Ministry of Finance
- (b) Ministry of Home Affairs
- (c) Ministry of Law
- (d) Ministry of Personnel

Q28. Which of the following alternatives is correct with respect to below mentioned statements?

Statement A: SDRAM usually refers to first generation synchronous DRAM.

Statement B: SDRAM is faster than subsequent generations (DDR) because multiple words of data are transmitted per clock cycle (single data rate).

- (a) Both the statements are true
- (b) Statement A is true and Statement B is false
- (c) Both the statements are false
- (d) Statement A is false and Statement B is true

Q29. Shyok river is a tributary of which river?

- (a) Indus
- (b) Ganges
- (c) Brahmaputra
- (d) Yamuna

Q30. Evaporation causes _____.

- (a) Increase in temperature
- (b) Cooling
- (c) Heating
- (d) Random increase in temperature and pressure

Q31. _____ an English mechanical engineer and polymath, originated the concept of a programmable computer and is considered as the "father of computer".

- (a) Tommy Flowers
- (b) Sir William Thomson
- (c) James Thomson
- (d) Charles Babbage

Q32. Point Calimere bird sanctuary is located in _____ state of India.

- (a) Odisha
- (b) Tamil Nadu
- (c) West Bengal
- (d) Kerala

Q33. Kanchanastambha the Sulki ruler was succeeded by:

- (a) Ranastambha
- (b) Jayastambha
- (c) Kalahastambha
- (d) Kulastambha II

Q34. What is the meaning of "Subarnarekha"?

- (a) Streak of Silver
- (b) Streak of Gold
- (c) Streak of Iron
- (d) Steak of Platinum

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Q35. Who is regarded as the Chief Law Officer of the Government of India?

- (a) Advocate General
- (b) Solicitor General
- (c) Advocate on Record
- (d) Attorney General

Q36. Which among the following bodies is neither Constitutional nor Statutory in nature?

- (a) Finance Commission
- (b) Union Public Service Commission
- (c) National Green Tribunal
- (d) Central Bureau of Investigation

Q37. Where did Raja Rammohan Roy establish the Vedanta College?

- (a) Kolkata
- (b) Bombay
- (c) Madras
- (d) Benaras

Q38. Which of the following is true regarding SRAM and DRAM?

- (a) Both SRAM and DRAM are non-volatile.
- (b) SRAM is volatile and DRAM is non-volatile.
- (c) DRAM is volatile and SRAM is non-volatile.
- (d) Both SRAM and DRAM are volatile.

Q39. Decomposition of domestic wastes under natural processes is called _____.

- (a) Industrial pollution
- (b) Non-biodegradable pollution
- (c) Biodegradable pollution
- (d) Thermal pollution

Q40. The organisms try to maintain the constancy of its internal environment, this phenomenon is known as _____.

- (a) Photosynthesis
- (b) Pyrimidine metabolism
- (c) Homeostasis
- (d) Ecological succession

Q41. Where does the UN Commission on Human Rights meet?

- (a) Hague
- (b) New York
- (c) Geneva
- (d) Paris

Q42. A functional unit of nature, where living organisms interact among themselves and also with the surrounding physical environment is called _____

- (a) Ecosystem
- (b) Ecology
- (c) Ecological Pyramid
- (d) Biosphere

Q43. Which Article of our Constitution contains the provisions regarding Election Commission?

- (a) Article 320
- (b) Article 324
- (c) Article 330
- (d) Article 328

Q44. Which of the following is the capital city of King Kharavela?

- (a) Kalinganagari
- (b) Boinda
- (c) Ratnagiri
- (d) Pallahara

Q45. Which of the following is false regarding computer memory?

- (a) ROM is a volatile memory and is used to store data temporarily.
- (b) A memory which stores or retains data after power off is called non-volatile memory.
- (c) A permanent memory, which holds data and instruction for start-up the computer and does not erase data after power off.
- (d) Dynamic RAM must be refreshed many times per second.

Q46. What do we call the parasites that feed on the external surface of the host organism?

- (a) Endoparasite
- (b) Ectoparasite
- (c) Hookworm parasite
- (d) Brood parasite

Q47. Who was the first secretary of the Brahma Sabha?

- (a) Chandrasekhar Deb
- (b) Alexander Duff
- (c) Dwarkanath Tagore
- (d) Tarachand Chakravarti

Q48. The substance which cannot be broken down into simpler substances by chemical or physical means are called _____

- (a) Elements
- (b) Mixtures
- (c) Compounds
- (d) Particles

Q49. Who wrote the Arthashastra?

- (a) Vatsayana
- (b) Dhananandha
- (c) Kautilya
- (d) Adi Shankara

Q50. Which of the following alternatives is correct with respect to below mentioned statements?

Statement A: A thread belongs to exactly one process and no thread can exist outside a process.

Statement B: In multi-threading, a thread belongs to more than one process.

- (a) Both the statements are false
- (b) Both the statements are true
- (c) Statement A is false and Statement B is true
- (d) Statement A is true and Statement B is false

Q51. Which among the following countries chaired the 17th BIMSTEC Ministerial meeting held virtually?

- (a) Nepal
- (b) Sri Lanka
- (c) Bangladesh
- (d) Bhutan

Q52. "Rourkela Steel Plant" is located in which of the following Coastal States of India?

- (a) Goa
- (b) Gujarat
- (c) Andhra Pradesh
- (d) Odisha

Q53. Sri Madhavapura Mahavihara was located at:

- (a) Kujendri
- (b) Chandili
- (c) Ratnagiri
- (d) Udayagiri

Q54. Where is the geothermal site 'Puga Valley' located?

- (a) Bundelkhand
- (b) Malwa
- (c) Marathwada
- (d) Ladakh

Q55. Which among the following "browser and the vendor" match is correct?

- A) Mozilla: Netscape
 - B) Safari : Apple
 - C) Chrome: Microsoft
 - D) Internet Explorer: Microsoft
- (a) B & C
 - (b) Only B
 - (c) A & B & C
 - (d) A & B & D

Q56. The Question is missing in the pdf

- (a) The Neo-Renaissance
- (b) Rapid Potential - First Aim
- (c) Trade and Trade forever
- (d) One and Only aim for building together

Q57. In which of the following places Seventh Trade Policy Review of India was held?

- (a) IMF, Washington D.C.
- (b) World Trade Organization, Geneva
- (c) UNESCO, Paris
- (d) UNICEF, New York

Q58. Which of the following does not belong to third generation of computers?

- (a) Mainframe
- (b) Desktop computer
- (c) Minicomputer
- (d) ENIAC

Q59. To which union territory of India does Yanam district belong?

- (a) Lakshadweep
- (b) Andaman and Nicobar Islands
- (c) Puducherry
- (d) Ladakh

Q60. Which among the following is the fifth state of matter?

- (a) Plasma
- (b) Liquid
- (c) Supersolid
- (d) Bose-Einstein Condensate (BEC)

English Language

Q61. Replace the underlined phrase grammatically and conceptually with the help of the given options. If the given sentence is correct then select the option 'The given sentence is correct'.

Internet has made everyone's life very easy and simple as we no longer need to go outside for paying bill, shopping, seeing movie, business transactions, etc.

- (a) have made everyone's life very easy and simple as
- (b) The given sentence is correct
- (c) has made everyone's lives very easy and simple as
- (d) have made everyone life very easy and simple as

Q62. Fill in the blanks with suitable Prepositions from the given alternatives.

The International Union _____ the Conservation of Nature identifies the endangered species every year.

- (a) from
- (b) for
- (c) over
- (d) at

Q63. Choose the word which best expresses the similar meaning of the given word " SOPHISTRY".

- (a) Honesty
- (b) Approval
- (c) Reserve
- (d) Fallacy

Q64. Choose the best option from the given alternatives which can be substituted for the given word/sentence.

A person who travels on foot.

- (a) Teetotaller
- (b) Pedestrian
- (c) Escapist
- (d) Belligerent

Q65. Fill in the blanks with a suitable article from the given alternatives.

The science book is beneath _____ old paper.

- (a) an
- (b) No article
- (c) the
- (d) a

Q66. In the following question, one part of the sentence may have an error. Find out which part of the sentence has an error and select the option corresponding to it. If the given sentence is correct then select the option 'NO ERROR'. (Avoid punctuation errors)

(A) Raju wastes not / (B) Only money / (C) but also his life / (D) NO ERROR.

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

Q67. Choose the word which expresses nearly the opposite meaning of the given word " PLAUSIBLE".

- (a) Probable
- (b) Impossible
- (c) Creditable
- (d) Logical

Directions (8 to 10): Read the passage below and answer the questions that follow.

On September 3, Bangladesh, Bhutan, Nepal and Thailand became the first four countries in the World Health Organization's southeast Asia region to have successfully controlled hepatitis B. The virus is said to be controlled when the disease prevalence is reduced to less than 1% among children less than five years of age. Despite the introduction of hepatitis B vaccine in the Universal Immunisation Programme in 2002 and scaling-up nationwide in 2011, about one million people in India become chronically infected with the virus every year. According to the Health Ministry, as on February 2019, an estimated 40 million people in India were infected. Hepatitis B infection at a young age turns chronic, causing over 1,00,000 premature deaths annually from liver cirrhosis or liver cancer. A study published in 2013 found lower coverage of hepatitis B vaccine in eight of the 10 districts surveyed. But the coverage has witnessed an increase with the introduction of a pentavalent vaccine on a pilot basis in Kerala and Tamil Nadu in December 2011 and national roll-out in 2014-2015. According to the WHO, the coverage of hepatitis B third dose had reached 86% in 2015. However, despite the high vaccination coverage, disease prevalence in children aged less than five years has not dropped below 1%. One of the reasons for this is the sub-optimal coverage of birth dose in all infants within 24 hours of birth.

Hepatitis B birth dose, given in the first 24 hours, helps prevent vertical transmission from the mother to child. The compulsion to increase birth dose to cut vertical transmission arises from two important reasons-about 70-90% newborns infected this way become chronic carriers of hepatitis B, and about 20-30% carriers in India are due to vertical transmission. But even seven years after the Health Ministry approved the birth dose in 2008, its coverage remained low - 45% in 2015 and 60% in 2016- according to a 2019 Health Ministry report. What is indeed puzzling is that even in the case of institutional delivery, the birth dose vaccine coverage is low- 76.36% in 2017. Incidentally, institutional delivery accounts for about 80% of all deliveries in the country. The birth dose coverage when delivery takes place outside health-care institutions is not known. One of the reasons for the low coverage is the fear of wastage of vaccine when a 10-dose vial is used. Unfortunately, health-care workers are very often unaware of the WHO recommendation that allows hepatitis B open-vial policy. Opened vials of hepatitis B vaccine can be kept for a maximum duration of 28 days for use in other children if the vaccine meets certain conditions. There is also a need to increase public awareness about the merits of the birth dose.

Q68. Read the following statements and select the option as per the passage given above.

Statement A: The passage says 'According to the Health Ministry, as on February 2019, an estimated 40 million people in India were infected'.

Statement B: The passage says 'The vaccine may fail in most of the infants'.

- (a) Both the statements A and B are False
- (b) Statement A is True and Statement B is False
- (c) Both the statements A and B are True
- (d) Statement A is False and Statement B is True

Q69. What is the contextual meaning of the phrase 'vertical transmission'?

- (a) Transmission of diseases from one locality to the other
- (b) Transmission of diseases from one generation to the next generation
- (c) Transmission of diseases due to improper sanitation
- (d) Transmission of diseases among individuals of the same generation

Q70. Why we need to give Hepatitis B dose for a newly born baby within 24 hours?

- (a) To boost the metabolism of the baby
- (b) To prevent the risk of transmission from mother to child
- (c) To increase the life time of the baby
- (d) To prevent the risk of transmission due to infections

Analytical Reasoning Ability

Q71. Replace the question mark with an option that follows the same logic applied in the first pair.

Vague Clear :: Essential : ??

- (a) Fluctuate
- (b) Determine
- (c) Choose
- (d) Opt

Q72. Read the following statements and answer the following question.

A+B means A is the husband of B

A-B means A is the wife of B

A*B means A is the mother of B

A/B means A is the father of B

In the equation $W+X*Y/Z$, how is W related to Z's mother?

- (a) Uncle
- (b) Father
- (c) Mother-in-law
- (d) Father-in-law

Q73. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

PNL, LJH, QOM, YVS, ZXV

- (a) LJH
- (b) PNL
- (c) ZXV
- (d) YVS

Q74. Replace the question mark with an option that follows the same logic applied in the first pair.

Elephant Herd :: Crow: ??

- (a) Brood
- (b) Murder
- (c) Parade
- (d) Shoal

Q75. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

Expert, Genius, Brainy, Skilful, Insane

- (a) Skilful
- (b) Brainy
- (c) Genius
- (d) Insane

Q76. Find the next number in the series.

23, 26, 52, 55, 110, ?

- (a) 115
- (b) 114
- (c) 113
- (d) 112

Q77. Vinay walks 22km in South direction. He turns right, then right again. After walking some distance, he took another right turn finally. Which direction is he facing now?

- (a) North
- (b) East
- (c) West
- (d) South

Q78. In a certain code language, if GENIUS is coded as TVMRFH, then how is SMART coded in that language?

- (a) HNIZG
- (b) HNZIG
- (c) RNBSV
- (d) RNBSU

Q79. A girl is facing East direction. If she turns 72 degrees in clockwise direction and 63 degrees in the same direction, which direction will she face now?

- (a) North-West
- (b) South-East
- (c) North-East
- (d) South-West

Q80. M is the daughter-in-law of N whose daughter is O. O is the sister of P who is the only son of Q. How is P related to M?

- (a) Uncle
- (b) Brother
- (c) Father
- (d) Husband

Q81. In a certain code language, if SHAPE is coded as UJCRG, then how is PANEL coded in that language?

- (a) RCPGN
- (b) KZMVO
- (c) CRPNG
- (d) PIRET

Q82. Pointing to a man, a boy said, 'He is my father's cousin's father's wife's son's father.' How is the man related to the boy's father?

- (a) Son
- (b) Nephew
- (c) Uncle
- (d) Son-in-law

Q83. Replace the question mark with an option that follows the same logic applied in the first pair.

JK: 100/121: HI: ??

- (a) 64/100
- (b) 64/81
- (c) 64/72
- (d) 81/64

Q84. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

F, I, B, H, D

- (a) H
- (b) D
- (c) B
- (d) I

Q85. A is the cousin of B whose father is the brother of A's mother. How is A's father related to B's father?

- (a) Brother-in-law
- (b) Brother
- (c) Uncle
- (d) Father

Q86. Find the next number in the series.

507, 508, 498, 471, 407, ?

- (a) 281
- (b) 282
- (c) 280
- (d) 283

Q87. In a certain code language, if VIVID is coded as KXUFK, then how is GLOOM coded in that language?

- (a) NINOQ
- (b) NJOOK
- (c) NIPPQ
- (d) NIOOQ

Q88. Find the next number in the series.

13, 14, 16, 22, 37, ?

- (a) 68
- (b) 69
- (c) 71
- (d) 70

Q89. Thanu started to walk for 30km in the East direction. She then took a right turn and walked 17km and took a left turn and walked 15km in that direction. She walked 17km in the North direction, took a left turn to walk 15km before walking 40km in the north direction. How far is the starting point from the ending point?

- (a) 50km
- (b) 30km
- (c) 35km
- (d) 25km

Q90. Samuel walks 11km towards East direction. He takes a left turn to cover 3km and travels 4km towards East. He then walks 3km towards South before taking a left turn to cover 7km. How far is he from the starting point?

- (a) 25km
- (b) 22km
- (c) 17km
- (d) 19km

