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Test Booklet Series

T. B. C. : ASG – 1/21

A

TEST BOOKLET
RECRUITMENT OF A. S. O.
GENERAL AWARENESS

SI. NO. **095469**

Time Allowed : 1½ Hours

Maximum Marks : 100

: INSTRUCTIONS TO CANDIDATES :

1. IMMEDIATELY AFTER COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET OF THE SAME SERIES ISSUED TO YOU.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C** OR **D**, AS THE CASE MAY BE, IN THE APPROPRIATE PLACE IN THE ANSWER SHEET USING BALL POINT PEN (BLUE OR BLACK).
3. You have to enter your **Roll No.** on the Test Booklet in the Box provided alongside. **DO NOT** write *anything else* on the Test Booklet.
4. **YOU ARE REQUIRED TO FILL UP & DARKEN ROLL NO., TEST BOOKLET / QUESTION BOOKLET SERIES IN THE ANSWER SHEET AS WELL AS FILL UP TEST BOOKLET / QUESTION BOOKLET SERIES AND SERIAL NO. AND ANSWER SHEET SERIAL NO. IN THE ATTENDANCE SHEET CAREFULLY. WRONGLY FILLED UP ANSWER SHEETS ARE LIABLE FOR REJECTION AT THE RISK OF THE CANDIDATE.**
5. This Test Booklet contains **100** items (questions). Each item (question) comprises four responses (answers). You have to select the correct response (answer) which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct response (answer), you should mark (darken) the response (answer) which you consider the best. In any case, choose **ONLY ONE** response (answer) for each item (question).
6. You have to mark (darken) all your responses (answers) **ONLY** on the **separate Answer Sheet** provided, by using **BALL POINT PEN (BLUE OR BLACK)**. See instructions in the Answer Sheet.
7. (i) All items (questions) carry equal marks. All items (questions) are compulsory. Your total marks will depend only on the number of correct responses (answers) marked by you in the Answer Sheet.
(ii) **There will be negative markings for wrong responses (answers). 25 (Twenty five) percentage of marks allotted to a particular item (question) will be deducted as negative marking for every wrong response (answer).**
(iii) **If candidate give more than one response (answer), it will be treated as a wrong response (answer) even if one of the given responses (answers) happens to be correct and there will be same penalty as above to that item (question).**
8. Before you proceed to mark (darken) in the Answer Sheet the responses (answers) to various items (questions) in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per the instructions sent to you with your **Admission Certificate**.
9. After you have completed filling in all your responses (answers) on the Answer Sheet and after conclusion of the examination, you should hand over to the Invigilator the *Answer Sheet* issued to you. You are allowed to take with you the candidate's copy / second page of the Answer Sheet along with the **Test Booklet**, after completion of the examination, for your reference.
10. Sheets for rough work are appended in the Test Booklet at the end.

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SEAL

1. In the guidelines announced by Union Finance Minister in the 2022-2023 Budget, instead of using the term 'Crypto Currency', the term _____ is used.
- (A) Bitcoins Assets
(B) Ethercoins Assets
(C) Altcoins Assets
(D) Virtual Digital Assets
2. Which State in India presented 'Child Budget' as part of the Annual State Budget ?
- (A) Andhra Pradesh
(B) Gujarat
(C) Sikkim
(D) Madhya Pradesh
3. The Government of India announced it's decision to convert 150 villages into 'Villages of Excellence' with technical assistance from _____.
- (A) Japan
(B) Israel
(C) USA
(D) Netherlands
4. Which one of the following is not the objective of 'Operation Sajag' launched by Delhi Police ?
- (A) To curb area domination exercise
(B) Keeping tap on criminals
(C) Intensive checking at pickets
(D) Special rewards to traffic-friendly drivers
5. The GSI has approved the setting up of country's first Geological Park at _____.
- (A) Lamheta, Jabalpur
(B) Kadagu, Karnataka
(C) Idukki, Kerala
(D) Talala Gir, Gujarat

6. Match the following :

(I) Meghalaya (i) Hojagiri

(II) Mizoram (ii) Wangala

Dance

(III) Manipur (iii) Bamboo

Dance

(IV) Tripura (iv) Thang ta

(A) (I) – (ii), (II) – (iii), (III) – (iv),

(IV) – (i)

(B) (I) – (iii), (II) – (i), (III) – (ii),

(IV) – (iv)

(C) (I) – (ii), (II) – (i), (III) – (iii),

(IV) – (iv)

(D) (I) – (iii), (II) – (iv), (III) – (i),

(IV) – (iv)

7. The Central Board of Secondary Education has introduced 'Data Science Subject' as a subject for its students of 8-12 class in

collaboration with _____

company.

(A) Inter

(B) Dell

(C) Microsoft

(D) Infosys

8. Which of the following Statements is not correct ?

(A) Recently the Ministry of Earth Sciences has launched the Deep Ocean Mission

(B) This Mission mode project is to support the Green Economy initiative of Government of India

(C) This project is aimed to study bio-diversity, the impact of climate change etc

(D) In 2022 India signed a contract with International Sea Board Authority

9. Digital India 'BHASHINI' is _____

- (A) India's Artificial Intelligence-led Language Translation Platform
- (B) It gives access to global content in their own languages
- (C) It is a step to realize digital photography
- (D) It promotes Digital India Vision

Which one of the above is not correct ?

10. The theme of 'Earth Day-2022 is _____

- (A) Nurture the Nature
- (B) Go Green, Save Green
- (C) Save the Earth, Save the Future
- (D) Invest in our Planet

11. Which of the following statements is not correct ?

- (I) The Chang'e5 Lunar Space Craft Mission is undertaken by China
- (II) It found water at its landing site

(III) It is the third Lunar Exploration Mission of Russia

(IV) The Chang'e5 Lunar Space Craft was launched on November 23, 2020

- (A) (II) and (IV)
- (B) (III) only
- (C) (IV) only
- (D) (I) only

12. Which country recently passed a law to make 'ethnic unity' mandatory ?

- (A) Tibet
- (B) Vietnam
- (C) Nepal
- (D) Myanmar

13. Which of the following countries is not a Member of SAARC ?

- (A) Bhutan
- (B) Bangladesh
- (C) Singapore
- (D) Sri Lanka

14. The 15th 'World Forestry Congress' was held at _____.
- (A) Seoul, Korea
(B) Durban, South Africa
(C) Jakarta, Indonesia
(D) Buenos Aires, Argentina
15. 'South Asia Economic Focus' a bi-annual Economic Report is published by _____.
- (A) Asian Development Bank
(B) IMF
(C) World Bank
(D) World Economic Forum
16. 'Minamata Convention' is an international platform to discuss about _____.
- (A) Mercury Pollution
(B) Air Pollution
(C) Soil Pollution
(D) Silicon Pollution
17. Which of the following statements is not correct ?
- (A) Ukraine is the fourth largest country in Europe after Russia
(B) Kyiv is the largest city in Ukraine
(C) It shares its borders with Russia to East and Northeast borders
(D) It has coastline along the sea of Azov
18. According to 'Charitable Aid Foundation' which country topped 'World Giving Index, 2021' ?
- (A) Kenya
(B) India
(C) Indonesia
(D) New Zealand
19. With which American Scientist Professor Deepak Dhar shared the prestigious Boltzmann medal in Statistical Physics for the Year 2022 ?
- (A) John Hopfield
(B) Kenneth G. Wilson
(C) Sam F. Edwards
(D) Dan Frenkel

20. 'Dharma Guardian Military Exercise' is conducted between which of the following countries ?
- (A) India and Bhutan
(B) India and USA
(C) India and Japan
(D) India and France
21. Which of the following is not a matched pair ?
- (A) Gulab Singh / Jammu
(B) Duleep Singh / Punjab
(C) Shah Shuja / Rohilkhand
(D) Wajid Ali Shah / Awadh
22. Which is not the matched pair ?
- (A) Krishnaraja Wodeyar / Mysore
(B) Nizamulmulk Asaf Jah / Hyderabad
(C) Govinda Chandra / Cachar
(D) Zaman Shah / Peshawar
23. Clause 43, of the Charter Act of 1813 of the British Parliament concerned :
- (A) Law and Order situation in India
(B) Education in India
(C) Foreign policy and trade relations in India
(D) Initiation of Indian Renaissance
24. For colonial times in India, which of the following sequence is in proper order – from the lowest to the highest ?
- (A) Munsif's Court, Sadr Amin's Court, Zilla Court, Sadr Diwani Adalat
(B) Sadr Diwani Adalat, Munsif's Court, Zilla Court, Sadr Amin's Court
(C) Munsif's Court, Zilla Court, Sadr Amin's Court, Sadr Diwani Adalat
(D) Sadr Diwani Adalat, Sadr Amin's Court, Zilla Court, Munsif's Court
25. Bhangi was a clan that ruled over a part of :
- (A) Dakhan
(B) Rohilkhand
(C) Kaveri Delta
(D) Punjab
26. "ekam sat, vipraha bahudha vadanti" comes from the :
- (A) Mahabharata
(B) Ramayana
(C) Vedas
(D) Brahmanas

27. Deindustrialisation was the result of :

- (A) An effort by the colonial rulers to destroy India's economy
- (B) India's industry not being able to adjust to modern industrial production
- (C) Lack of scientific and technical education in India
- (D) India not having easy access to petroleum sources

28. Which of the combination is correct ?

- (A) Mohandas Karamchand Gandhi was the editor of the Pratap ; Vinayak Damodar Savarkar founded the National Herald ; Jawaharlal Nehru founded the Free India Society ; Madan Mohan Malviya was the Chairman of the Hindustan Times ; Ganesh Shankar Vidyarthi wrote the Hind Swaraj.
- (B) Mohandas Karamchand Gandhi wrote the Hind Swaraj ; Vinayak Damodar Savarkar founded the Free India Society ; Jawaharlal Nehru

founded the National Herald ; Madan Mohan Malviya was the Chairman of the Hindustan Times ; Ganesh Shankar Vidyarthi was the editor of the Pratap

- (C) Mohandas Karamchand Gandhi wrote the Hind Swaraj ; Vinayak Damodar Savarkar founded the Free India Society ; Jawaharlal Nehru founded the National Herald ; Madan Mohan Malviya was the editor of the Pratap ; Ganesh Shankar Vidyarthi was the Chairman of the Hindustan Times.
- (D) Mohandas Karamchand Gandhi wrote the Hind Swaraj ; Vinayak Damodar Savarkar was the editor of the Pratap ; Jawaharlal Nehru founded the National Herald ; Madan Mohan Malviya was the Chairman of the Hindustan Times ; Ganesh Shankar Vidyarthi founded the Free India Society

29. Which ruler was known as 'but shikan' ?
- (A) Alauddin Khalji
(B) Sikandar Shah Miri
(C) Sikandar Lodhi
(D) Aurangzeb
30. The five principles of Panchsheel are substantially a reiteration of :
- (A) The UN Charter
(B) The Charter of the League of Nations
(C) The Treaty of Berlin
(D) The Protocols of Zion
31. From which Constitution, Indian Constitution borrowed the provision of Single Citizenship ?
- (A) Australia
(B) Canada
(C) USSR
(D) British
32. Who / which among the following has been given the power by the Constitution of India to impose 'Reasonable Restrictions' on the Fundamental Rights ?
- (A) President of India
(B) Parliament
(C) Supreme Court
(D) High Courts
33. Article 21A refers to :
- (A) Right to Freedom
(B) Right to Religion
(C) Right to Education
(D) Right Against Exploitation
34. Which of the Rights deals with Right to Vote and to be elected in India ?
- (A) Fundamental Rights
(B) Natural Rights
(C) Constitutional Right
(D) Legal Right

35. Who / Which of the following can abolish a State Legislative Council ?

- (A) Parliament
- (B) Governor
- (C) President
- (D) State Assembly

36. Which of the following Articles of the Constitution of India refers to proportional Representation by means of the single transferable vote ?

- (A) Article 53
- (B) Article 54
- (C) Article 54A
- (D) Article 55(3)

37. In which year did the Constitution (99th) Amendment Act come into force ?

- (A) 2013
- (B) 2014
- (C) 2015
- (D) 2016

38. Which of the following statements is not correct ?

- (A) The Chairman of the UPSC shall be ineligible for further employment under the Government of India or of any State
- (B) A member of the UPSC is eligible for appointment as Chairman of the UPSC or Chairman of any State Commission
- (C) The Chairman of a State Commission shall be eligible for appointment as a member or Chairman of the UPSC or as Chairman of any other State Commission
- (D) A member of the State Commission will be eligible for any other employment under the Government of India or of a State

39. Which of the following Amendments has repealed Articles 19(1) (F) and 31 ?
- (A) 42nd Amendment
 (B) 43rd Amendment
 (C) 44th Amendment
 (D) 73rd Amendment
40. Who among the following appoints Comptroller and Auditor General of India ?
- (A) President
 (B) Prime Minister
 (C) Chief Justice of the Supreme Court
 (D) Finance Minister of India
41. Which of the following has submitted 'Right to Information : Master key to Good Governance' report ?
- (A) Sarkaria Commission
 (B) Punchhi Commission
 (C) Administrative Reforms Commission – 1
 (D) Administrative Reforms Commission – 2
42. Which of the following commissions has identified 27 modes of corruption ?
- (A) Vohra Committee
 (B) Central Vigilance Commission
 (C) Santhanam Committee
 (D) Sarkaria Commission
43. How many members are in Finance Commission ?
- (A) A chairman and two other members
 (B) A chairman and three other members
 (C) A chairman and four other members
 (D) A chairman and five other members

44. Which of the following is the most effective means of citizen's control over administration ?
- (A) Public Opinion
(B) Election
(C) Pressure groups
(D) Advisory Committee
45. How can a new All India Service be created ?
- (A) By a resolution of the Rajya Sabha
(B) By an order of the President
(C) By a resolution of the UPSC
(D) By an act of the Parliament
46. Which of the following committees laid down the British concept of Civil Service neutrality ?
- (A) Fulton Committee
(B) Masterman Committee
(C) Sapru Committee
(D) Northcote – Trevelyn Committee
47. In which of the Five Year Plans in India, the concept of financial inclusion was included for the first time ?
- (A) 8th
(B) 9th
(C) 10th
(D) 11th
48. Which of the following is accountable for the assessment of poverty ?
- (A) HRD Ministry
(B) Ministry of Defence
(C) NITIAayog
(D) Home Ministry
49. Who among the following had adopted the strategy of 'Rolling Plan' ?
- (A) Jawaharlal Nehru
(B) Rajiv Gandhi
(C) Narendra Modi
(D) Morarji Desai

50. Which of the lists contains Economic Planning as a subject ?
- (A) Concurrent List
 - (B) State List
 - (C) Union List
 - (D) Special List
51. Who is the first Chairperson of the National Human Rights Commission ?
- (A) Justice Ranganath Mishra
 - (B) Justice M. N. Venkatachalliah
 - (C) Justice J. S. Verma
 - (D) Justice K. G. Balakrishnan
52. Where is the Head-quarter of the International Solar Alliance ?
- (A) Gurugram
 - (B) Paris
 - (C) Leon
 - (D) London
53. Which country hosted the virtual mode of the Summit meeting of 20th Shanghai Cooperation Organisation (SCO) in November, 2021 ?
- (A) China
 - (B) Russia
 - (C) India
 - (D) Kazakhstan
54. What are the total membership countries of NATO ?
- (A) 29
 - (B) 30
 - (C) 33
 - (D) 35
55. Where is the head-quarter of the NATO ?
- (A) London
 - (B) Madrid
 - (C) Brussels
 - (D) Istanbul

56. Which country hosted the fifth Summit meeting of BIMSTEC in virtual mode in March, 2022 ?
- (A) India
(B) Sri Lanka
(C) Bangladesh
(D) Myanmar
57. Which among the following countries was elected to the UN Security Council as a Non-permanent member in June 2022 ?
- (A) Mozambique
(B) South Korea
(C) Canada
(D) Peru
58. How many years does a non-permanent member serve in the UN Security Council ?
- (A) One year
(B) Two years
(C) Three years
(D) Five years
59. Which organization vision is to enable 'One World, One Sun, One Grid' ?
- (A) Ministry of New and Renewable Energy
(B) Power Grid Corporation of India Ltd.
(C) International Solar Alliance
(D) Inter-governmental Panel on Climate Change
60. With which is the principle of 'Common But Differentiated Responsibilities' associated ?
- (A) Paris Agreement on Climate Change
(B) BRICS Summit 2022
(C) NATO
(D) International Solar Alliance

61. Which one of the following options are not correctly matched with respect to the name of plates and the type of plate boundary ?

- (A) The North American plate and Eurasian plate are diverging plates
- (B) The Nazca plate and South American plates are diverging plates
- (C) The Nazca plate and Pacific plates are exhibiting diverging plate boundary
- (D) Indian-Australian plate and Eurasian plate are converging plates

62. Which one of the following ocean current is found in southern hemisphere ?

- (A) Oyashio Current
- (B) West Wind Drift
- (C) Gulf Stream
- (D) Canaries Current

63. Which one of the following is not correctly matched ?

- (A) Prairies → North America
- (B) Pampas → North America
- (C) Veldt → South Africa
- (D) Steppes → European Russia

64. Match List – I with List – II and select the correct answer using the code given below :

List – I	List – II
(Type of Mountain)	(Example)
(a) Block-mountain	(i) Himalayas
(b) Old folded mountain	(ii) Black-forest
(c) Relict mountain	(iii) Scottish Highlands
(d) Young folded mountain	(iv) Appalachian

Code :

- | | (a) | (b) | (c) | (d) |
|-----|-------|------|-------|-------|
| (A) | (iii) | (i) | (ii) | (iv) |
| (B) | (iii) | (i) | (iv) | (ii) |
| (C) | (ii) | (iv) | (iii) | (i) |
| (D) | (ii) | (iv) | (i) | (iii) |

65. Which one of the following regions has the largest number of active volcanoes ?

- (A) Alaska
- (B) Aleutian Islands
- (C) Hawaii Islands
- (D) Iceland

66. Which one of the following rivers has a "bird-foot" delta ?

- (A) Danube
- (B) Mississippi
- (C) Niger
- (D) Nile

67. Which one of the following is not correctly matched ?

- (A) Khamsin → North Africa and Arabia
- (B) Bora → Adriatic coast

(C) Mistral → France

(D) Samoo → America

68. Match List – I with List – II and select the correct answer using the code given below :

List – I	List – II
(Tropical Cyclone)	(Region/Country)
(a) Baigio	(i) China
(b) Cyclone	(ii) Philippines
(c) Hurricane	(iii) Madagascar
(d) Typhoon	(iv) USA

Code :

- | | (a) | (b) | (c) | (d) |
|-----|-------|-------|------|------|
| (A) | (ii) | (iii) | (i) | (iv) |
| (B) | (ii) | (iii) | (iv) | (i) |
| (C) | (iii) | (iv) | (i) | (ii) |
| (D) | (iii) | (iv) | (ii) | (i) |

69. Match List – I with List – II and select the correct answer using the code given below :

List – I	List – II
(Koppen's Symbol)	(Climate)
(a) BWk	(i) Cold Mid-latitude steppe
(b) BWh	(ii) Hot Mid-latitude steppe
(c) BSh	(iii) Hot low latitude desert
(d) BSk	(iv) Cold low latitude desert

Code :

- | | (a) | (b) | (c) | (d) |
|-----|------|-------|-------|------|
| (A) | (iv) | (iii) | (ii) | (i) |
| (B) | (iv) | (ii) | (iii) | (i) |
| (C) | (i) | (iii) | (ii) | (iv) |
| (D) | (i) | (ii) | (iii) | (iv) |

70. The widest continental shelf is found in the :

- (A) Arctic ocean
- (B) Atlantic ocean

- (C) Indian ocean
- (D) Pacific ocean

71. Which one of the following geosynclines is the oldest ?

- (A) Delhi geosyncline
- (B) Dharwar geosyncline
- (C) Eastern Ghat geosyncline
- (D) Satpura geosyncline

72. Which one of the following rivers does not originate from the Maikal Range ?

- (A) Tapi
- (B) Son
- (C) Narmada
- (D) Mahanadi

73. Which category of the following forests occupy the largest percentage in India ?

- (A) Conifers and pines
- (B) Equatorial evergreen
- (C) Tropical deciduous
- (D) Desert vegetation

74. Consider the following statements and select the correct answer using the code given below :

(i) The Gujarat Plain was formed by the depositional work of parallel consequent rivers

(ii) The Gujarat Plain contains the Cretaceous lava formations

Code :

- (A) Only (i) is correct
- (B) Only (ii) is correct
- (C) Both (i) and (ii) are correct
- (D) Neither (i) nor (ii) is correct

75. Who among the following scholars did not delineate 'the climatic regions of India' ?

(A) Blandford, H. E.

(B) Coppack, J.

(C) Spate, O. H. K.

(D) Singh, R. L.

76. Arrange the rivers in ascending order of their contribution to the formation of coastal plains :

(A) The Mahanadi > the Brahmani > the Baitarini > the Rushikulya > the Subarnarekha

(B) The Mahanadi > the Baitarini > the Brahmani > the Subarnarekha > the Rushikulya

(C) The Mahanadi > the Rushikulya > the Brahmani > the Baitarini > the Subarnarekha

(D) The Mahanadi > the Brahmani > the Baitarini > the Subarnarekha > the Rushikulya

77. Match the morphological units of Rolling uplands (List – I) with the correct river basin (List – II).

List – I	List – II
(Morphological Units)	(Basin Associated)
(a) The Rajgang- pur – Panposh Uplands	(i) Ib Basin
(b) The Jharsu- guda Uplands	(ii) Northern Tel Basin
(c) The Balangir Titlagarh- Patnagarh Uplands	(iii) The Sabari Basin
(d) The Malakana- giri Uplands	(iv) Koel and the Sankh Rivers

Code :

- | | (a) | (b) | (c) | (d) |
|-----|-------|-------|-------|-------|
| (A) | (iv) | (i) | (ii) | (iii) |
| (B) | (i) | (ii) | (iii) | (iv) |
| (C) | (iii) | (ii) | (i) | (iv) |
| (D) | (ii) | (iii) | (i) | (iv) |

78. **Ranga Mati** and **Rugidia soil** belongs to which primary soil group in Odisha ?

- (A) Regur Soil
- (B) Laterite Soil
- (C) The Brown Forest Earth
- (D) Yellow Earth

79. Which of the following factor is responsible for fluctuation in Monsoon in India ?

- (A) If 2nd equatorial trough does not merge with ITCZ
- (B) Southern Branch of South West Tropical Jet re-establish over Northern India
- (C) Late disappearance of Southern Branch of Subtropical Westerly jet stream from Northern India
- (D) Development of Strong Low Pressure cell over Tibetan Landmass

80. Among the following options which mountain pass doesn't belong to the correct state :
- (A) Bara Lacha la Pass → Himachal Pradesh
- (B) Mana Pass → Uttarakhand
- (C) Jelep La → Arunachal Pradesh
- (D) Nathu La → Sikkim
81. The Indian National Defence University (INDU) is located at :
- (A) Dehradun
- (B) New Delhi
- (C) Binola Village, Haryana
- (D) Chennai
82. The present Chief of Air Staff of India is :
- (A) MM Naravane
- (B) V. R. Chaudhari
- (C) Bipin Rawat
- (D) Hari Kumar
83. QUAD comprises of the following countries :
- (A) USA, UK, Japan and India
- (B) Russia, UK, France, India and Australia
- (C) USA, India, Japan and Australia
- (D) UK, Japan, India and Australia
84. Who is known as the 'Missile Woman of India' ?
- (A) Dr. Tessy Thomas
- (B) Indira Gandhi
- (C) Gunjan Saxena
- (D) Mary Kom
85. On 28 January, 2022, which helicopter was officially inducted into Indian Naval Ship (INS) Utkrosh at Port Blair :
- (A) ALH Mk III
- (B) MI-24
- (C) CH-47 Chinook
- (D) AH-64 Apache

86. The only Air Force Officer to have received the Param Vir Chakra is :
- (A) Air Commodore Ravish Malhotra
 - (B) Flying Officer Nirmal Jit Singh Sekhon
 - (C) Sqn. Ldr. Abhinandan Varthaman
 - (D) Wing Commander Rakesh Sharma
87. The S-400 Missile Defence System is procured by India from :
- (A) France
 - (B) Russia
 - (C) USA
 - (D) Israel
88. In a boost to Atmanirbhar Bharat, which aircraft is was given Acceptance of Necessity by the Defence Acquisition Council in June 2022, to be manufactured by HAL ?
- (A) Rafael
 - (B) Mirage 2000
 - (C) Dornier
 - (D) SU – 30
89. In January 2022, the Border Roads Organisation carried out the final blast on Sela Tunnel. The tunnel is located in :
- (A) Meghalaya
 - (B) Manipur
 - (C) Ladakh
 - (D) Arunachal Pradesh
90. The equivalent rank of a Squadron Leader in the Army is :
- (A) Major
 - (B) Brigadier
 - (C) Captain
 - (D) Subedar Major
91. Who were awarded Nobel Prize in Chemistry in 2019 for developing lithium-ion batteries ?
- (A) Benjamin List and David MacMillan
 - (B) Emmanuelle Charpentier and Jennifer A. Doudna
 - (C) Roger Penrose, Reinhard Genzel and Andrea Ghez
 - (D) John B. Goodenough, M. Stanley Whittingham and Akira Yoshino

92. Which recent online campaign led to declaration of Jaypore Rainforest as National Park in Assam ?
- (A) Siang Bachao Andolan
(B) Takam Mishing Porin Kebang
(C) Save Dehing Patkai
(D) None of these
93. Which of the following is not a greenhouse gas ?
- (A) O_3
(B) N_2O
(C) NO_2
(D) CFCs
94. Who developed the concept of hotspots ?
- (A) Stuart L. Pimm
(B) Edward J. Laurent
(C) John Muir
(D) Norman Myers
95. What are parasitic, photosynthetic plants called ?
- (A) Semiparasites
(B) Hemiparasites
(C) Microparasites
(D) Holoparasites
96. How frequently pollutants are being monitored under National Air Quality Monitoring Programme [NAMP] ?
- (A) Once in a week
(B) Twice in a week
(C) Alternate days
(D) Once in a fortnight
97. What is the total species diversity across all communities within a geographic area called ?
- (A) Alpha diversity
(B) Beta diversity
(C) Gamma diversity
(D) Delta diversity
98. Which is the world's largest Solar Park ?
- (A) Benban Solar Park, Egypt
(B) Bhadla Solar Park, India
(C) Huanghe Hydropower Hainan Solar Park, China
(D) Noor Abu Dhabi, United Arab Emirate

99. What is the modeling approach for evaluating the response of individual species to climate change called ?

- (A) Zero dimension model
- (B) Box model
- (C) General circulation model
- (D) Bioclimatic envelope model

100. Which of the following have high assimilation efficiencies of over 90 percent ?

- (A) Secondary carnivores
- (B) Herbivores
- (C) Predatory spiders
- (D) Social insects



SPACE FOR ROUGH WORK

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