



ANCIENT HISTORY

1. The essential feature of the Indus Valley Civilization was

- (A) worship of forces of nature
- (B) organised city life
- (C) pastoral farming
- (D) caste society

Exp: (B) organised city life. The Indus Valley Civilization is renowned for its advanced urban planning, which included well-laid-out cities with grid patterns, sophisticated drainage systems, and impressive public buildings

2. The people of the Indus Valley Civilization usually built their houses of

- (A) Burnt bricks
- (B) Stone
- (C) Wood
- (D) All of the above

Exp: (A) Burnt bricks. The houses in the Indus Valley Civilization were predominantly made of burnt bricks. This material was used extensively due to its durability and resistance to water damage

3. The first metal used by man was

- (A) Aluminium
- (B) Copper
- (C) Iron
- (D) Silver

Exp: (B) Copper. Copper was the first metal used by humans, dating back to around 9000 BCE. It was utilized for making tools, ornaments, and other artifacts due to its availability and ease of working.

4. The striking feature of the Indus Valley Civilization was

- (A) Urban Civilization
- (B) Agrarian Civilization
- (C) Mesolithic Civilization
- (D) Paleolithic Civilization

Exp: (A) Urban Civilization. The Indus Valley Civilization is renowned for its advanced urban planning, which included well-laid-out cities with grid patterns, sophisticated drainage systems, and impressive public buildings

5. Which of the following scholars, who was the first to discover the traces of the Harappan Civilization?

- (A) Sir Johan Marshall
- (B) R.D. Banerjee
- (C) A. Cunningham
- (D) Daya Ram Sahani

Exp: (C) A. Cunningham. Sir Alexander Cunningham was the first to discover traces of the Harappan Civilization during his excavations in 1872-73. He found an Indus seal of unknown origin which marked the beginning of the





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identification of the civilization

GEOGRAPHY

6. Why stars look more in west than east?

- (A) Universe is moving from east to west
- (B) Earth is moving around the Sun
- (C) Earth is moving from east to west
- (D) Earth is moving from west to east

Exp: As Earth moves (rotates) from West to East, so stars appear to be more in West than East.

7. In astrophysics, what is the name of hole in outer space which emits stars and energy?

- (A) Black Hole
- (B) Ozone Hole
- (C) Asteroid Belt
- (D) White Hole

Exp: In astrophysics, it is a hypothetical concept. In this theory white hole which is opposite to black hole emits stars and energy.

8. Which is the nearest planet to Sun?

- (A) Earth
- (B) Mercury
- (C) Mars
- (D) Venus

Exp: Nearest planet to the Sun is Mercury.

9. The orbit in which of the following planet is nearest to the Sun?

- (A) Saturn
- (B) Jupiter
- (C) Mars
- (D) Uranus

Exp: As compared to the orbit of the other given planets, Mars has nearest orbit to Sun. As we move farther from Sun, Mars is at 4th position after Mercury, Venus & Earth.

10. Which of the following celestial bodies is located farthestmost to the Earth?

- (A) Saturn
- (B) Uranus
- (C) Neptune
- (D) Pluto

Exp: After 26th General Assembly of International Astronomical Union held in 2006 in Prague (Czech Republic), Pluto was categorised as 'Dwarf Planet'. Its orbit around the Sun is larger than the other 3 given planets.

MACRO ECONOMICS





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11.The concept of mixed economy means-

- (A) To have balanced development in the agricultural and industrial sector
- (B) Simultaneous development of the rural and urban sector
- (C) To have equal distribution of wealth among the rural and the urban poor
- (D) Simultaneous existence of the private and public sector

Exp: See explanation of Q. No.8

12.Over use of resource is called "Tragedy of Commons". It was propounded by:

- (A) Garrett Hardin
- (B) Seligman
- (C) Adolph Wagner
- (D) A.P Lernier

Exp: Garret hardin propounded the term. " Tragedy of commons" which means people out of self interest and selfish nature tend to consume shared resources without even caring about their depletion. i.e. behaving contrary to the common good of all resources.

13.In the national context which of the following indicates Macro Approach?

- (A) Inflation in India
- (B) Sales of Bata shoe Company

- (C) Exports of Mangoes to UK
- (D) Income from Railways.

Exp: Macro economics deals economics at larger level rather it will be right to say that Macro approach work at national level by analysing performance, structure, behaviour and decision making of economy as whole.

14.Indian economy is an example of a mixed economy because-

- (A) Urban sector coexists with vast rural sector
- (B) Traditional subsistence economy coexists with modern economy
- (C) Private sector coexists with public sector enterprises
- (D) Monopoly elements coexist with competitive elements

Exp: See explanation of Q. No.8

15.Indian Economy is a/an-

- (A) Independant Economy
- (B) Mixed Economy
- (C) Capitalist Economy
- (D) Communist Economy

Exp: See explanation of Q. No.8

INDIAN CONSTITUTION





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16. The original 1950 Constitution of India is preserved in _____ ?

- (A) President House
- (B) Prime Minister House
- (C) Parliament House
- (D) Archaeological Survey of India

Exp: The original constitution of India was not typeset or printed but written in beautiful calligraphy by Prem Behari Narain Raizada. The document is now preserved in a special helium-filled case in library of Parliament.

17. The drafting committee wrote the Indian Constitution in which language ?

- (A) English and Hindi
- (B) Only English
- (C) English and Urdu
- (D) English, Hindi and Urdu

Exp: Drafting committee was set up under the chairmanship of Dr. B.R. Ambedkar on 29th August 1947 to prepare a draft of the new constitution. It took less than six months to prepare its draft which was prepared only in English and later on translated into Hindi.

18. What does the wheel in the National Flag represent?

- (A) Speed
- (B) Truth
- (C) Growth
- (D) Future

Exp: National Flag of India is a rectangular flag consisting of deep saffron, white and green colours with a 24-spoke wheel (the Ashok chakra) in navy blue at its centre. The wheel represents truth, justice and forwardness.

19. In the National Flag of India, Ashoka Chakra is a _____ spoked wheel.

- (A) 8
- (B) 12
- (C) 16
- (D) 24

Exp: National Flag of India is a rectangular flag consisting of deep saffron, white and green colours with a 24-spoke wheel (the Ashok chakra) in navy blue at its centre. The wheel represents truth, justice and forwardness.

20. Who among the following was the first 'Minister of Finance' in independent India?

- (A) R.K. Shanmukham Chetty
- (B) Liaquat Ali Khan
- (C) John Mathai
- (D) Satya Narayan Sinha

Exp: R.K. Shanmukham Chetty was first Minister of Finance of independent India.





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India. John Mathai took over the Railway and transport ministry. Whereas, Liaquat Ali Khan was finance minister in interim government which was formed in 1946.

SCIENCE & TECHNOLOGY

21. Which of the following is the first missile which has been developed in India?

- (A) Akash
- (B) Prithvi
- (C) Agni
- (D) Trishul

Exp : The Prithvi missile is surface to surface short-range ballistic missile (SRBM) development by DRDO. It is a first indigenously developed ballistic missile. It has a range of up to 150 to 300 km.

22. Air Force Academy is located in-

- (A) Hyderabad
- (B) Coimbatore
- (C) Kakinada
- (D) Mumbai

Exp : Air force Academy is a premier training centre of the Indian Air force. It is located in Dundigal Hyderabad (Telangana) since 1971.

23. Who developed Ballistic Missile?

- (A) Wernher Von Braun
- (B) J Rober Oppenheimer
- (C) Edward Teller
- (D) Samuel Cohen

Exp: Ballistic Missile is a intermediate range missile. Which was developed by Wernher Von Braun who was a German American rocket scientist during WW II. He is credited as being the father of rocket science.

24. Which of the following is a stealth aircraft virtually undetectable even by radar?

- (A) B-2 Spirit
- (B) Bl-B Lancer
- (C) B-52 Stratofortress
- (D) FA-18 Hornets

Exp : The Northrop Grumman B-2 spirit also known as the stealth technology designed for penetrating dense anti-aircraft defences.

25. Indian and Russian scientists successfully test-fired a supersonic cruise missile named-

- (A) GSAT-1
- (B) GSLV
- (C) Brahmos
- (D) INSAT-3B





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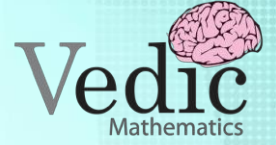
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Exp : Brahmos is a supersonic cruise missile with a solid propellant booster engine. It can be launched from submarines, ships, aircraft or land. It is developed by joint venture of DRDO and Russian federation. Brahmos name derived from Brahmaputra of India and Moskva of Russia.

SCIENCE (PHYSICS)

26. Burns caused by steam cause much more irritation than those caused by boiling water because

- (A) Temperature of steam is higher
- (B) Steam has latent heat of vaporization
- (C) Steam is a gas and engulfs the pores of body quickly
- (D) Steam pierces through the pores of body quickly.

Exp: Burns caused by steam cause much more irritation than those caused by boiling water because steam has more heat energy in the form of Latent heat of vaporization.

27. Convection occurs in which of the following

- (A) Only solids and liquids
- (B) Only liquids and gases
- (C) Only gases and solids
- (D) Solid, liquid and gases

Exp: Convection is the movement of molecules in a solution (liquid, gases, plasma) according to their kinetic energy which is imparted by heat energy. It can not occur in solids. Since no molecular motion is possible in solids.

28. Which of the following liquid contains highest rate of vaporization.

- (A) Kerosene oil
- (B) Water
- (C) Petrol
- (D) Alcohol

Exp: Lower the boiling point, more will be the rate of vaporization. Alcohol has the lowest boiling point of all the four, hence highest rate of vaporisation.

29. The hottest part of gas flame is known as

- (A) Non- luminous zone
- (B) Blue zone
- (C) Luminous zone
- (D) Dark zone

Exp: Non-Luminous zone is the hottest part of the gas flame. It is the outermost part of gas flame & hence complete combustion takes place here.

30. Earth is a

- (A) Good reflector of heat
- (B) Bad absorber of heat





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(C) Good absorber and good radiator of heat

(D) Bad absorber and bad radiator of heat.

Exp: All bad absorbers are bad radiators. Earth being a bad absorber, it is a bad radiator as well.

COMPUTER AWARENESS

31. DVD refers to

- (A) Digital Video Developer
- (B) Digital Video Device
- (C) Digital Video Disc
- (D) None of the above

Exp: DVD stands for 'Digital Video Disc' or 'Digital Versatile Disc'. It is a digital optical disc storage format. It can be used for storing video, audio, images or data.

32. In MS-DOS, the primary file name can contain up to characters.

- (A) 6
- (B) 8
- (C) 10
- (D) 12

Exp: MS-DOS contains maximum 8 characters and additional 3 characters to extension in primary file.

33. USB refers to

- (A) A storage device
- (B) A processor
- (C) A port type
- (D) A serial bus standard

Exp: Universal Serial Bus (USB) is designed to standardise the connection of computer peripherals (including keyboards, pointing devices, digital cameras, printers, portable media players, disk drives and network adapters) to personal computers, both to communicate and to Supply Electric Power.

34. In programming, repeating some statement is usually called

- (A) Structure
- (B) Looping
- (C) Control structure
- (D) Compiling

Exp: One of the most common programming task is to perform the same set of statement multiple time. Rather than repeating a set of statement again and again, we use a loop to perform the same set of statements recursively.

35. A browser is a software

- (A) To find out computers in a LAN
- (B) To log into a computer in a LAN





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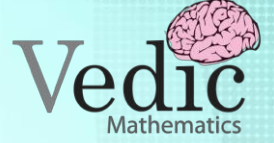
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- (C) To search for web pages on Internet
(D) None of the above

Exp: A web browser is a software application for retrieving, presenting and traversing information resources on the World Wide Web (WWW). An information resource is identified by a Uniform Resource Identifier (URI) and may be a web page, image, video or other piece of content.

Exp: Rent is surplus earn by organization and it does not include rent as the payment of land but also other surplus earning by other factors.

38. Which of the following is not an economic problem?

- (A) Deciding between paid work and leisure
(B) Deciding between expenditure on one good and the other
(C) Deciding between alternative methods of personal savings
(D) Deciding between different ways of spending leisure time

Exp: Economic problem is all about choosing alternative among finite resources available that means scarcity of resources.

36. Rent is a factor payment paid to-

- (A) Land
(B) Restaurant
(C) Building
(D) Factory

Exp: Factor payments are payment done for factors of production like for land, labour, capital. The payment done will be called as rent, wage and interest respectively.

37. According to Modern Theory of Rent, rent accrues to-

- (A) Capital only
(B) Any factor
(C) Labour only
(D) Land only

39. Which among the following statements is not true when there is an increase in interest rate in an economy?

- (A) Increase in saving
(B) Decrease in loan
(C) Increase in production cost
(D) Increase in capital return

Exp: Increase of interest rate in economy leads to increase in saving, decrease in loan and increase in cost of product with decrease in capital return.





40. Investment is equal to-

- (A) Gross total of all types of physical capital assets
- (B) Gross total of all capital assets minus wear and tear
- (C) Stock of plants, machines
- (D) None of the above

Exp: Investment is portion of amount that is used for capital formation and all the wear and tear are deducted to know actual amount of investment.

