Subject Code : [104 ▼]

Subject Code	Exam Date	Q Id	Questions	Answer Key
104	12-02-2021	401	Government of India has decided to celebrate the birthday of Netaji Subhas Chandra Bose on .... every year as " **PARAKRAM DIWAS**" to inspire people of the country, especially the youth, to act with fortitude in the face of adversity as Netaji did, and to infuse in them a spirit of patriotic fervour. (A) 23rd January (B) 3rd January (C) 23rd December (D) 3rd December	(A)
104	12-02-2021	402	Fouaad Mirza, who was recently seen in news, is a famous sportsperson of which event, qualified to represent India in the Tokyo Olympics? (A) Javelin Throw (B) Equestrian sports (C) Shot put (D) Boxing	(B)
104	12-02-2021	403	How is the Railway Protection Force (RPF) recently renamed by the Ministry of Railways? (A) Railway Protection Service (B) Indian Railway Force Service (C) Indian Railway Service (D) Indian Railway Protection Force Service	(D)
104	12-02-2021	404	Which Indian body recently warned against recording its sessions using mobile phones? (A) Supreme Court (B) Rajya Sabha	(B)

			(C) RBI (D) Ministry of Defence	
104	12-02-2021	405	Chauri Chaura is a town located in which Indian state/ UT? (A) Uttar Pradesh (B) Punjab (C) Bihar (D) West Bengal	(A)
104	12-02-2021	406	Look carefully for the pattern, and then choose which pair of numbers comes next. **42 40 38 35 33 31 28** (A) 27 30 (B) 26 24 (C) 26 23 (D) 34 30	(B)
104	12-02-2021	407	A,B,C,D,E,F and G are travelling in three buses X,Y,Z with at least two of them in any of these buses. Each of them likes a different sweet viz. Petha, Rasmalai, Rasagolla, Kheer, Sandesh, Chamcham and Jalebi, but not necessarily in the same order. B is travelling in bus Y with E. E's favourite sweet is Jalebi. Those who travel in Bus X do not like Petha and Kheer. The one who likes Rasmalai travels only with G in Bus Z. The one whose favourite sweet is Sandesh does not travel in the same bus with either E or G. A does not travel in Bus Y. A likes Chamcham. D and F are travelling in the same bus. F does not like Rasagolla. The one whose favourite sweet is Kheer does not travel in bus Y. In which bus three of them are travelling?	(B)

| | | | (A) Either X or Y

(B) Only X

(C) Only Z

(D) Only Y | |

104	12-02-2021	408	'Reading' is related to 'knowledge' in the same way as 'Work' is related to: (A) Money (B) Employment (C) Experience (D) Engagement	(C)
104	12-02-2021	409	Find the day of the week on 27th Dec 1985. (A) Sunday (B) Monday (C) Friday (D) Thursday	(C)
104	12-02-2021	410	In a row of 20 persons, the position of Riya from the left side of the row is 6th. Find the no. of persons after Riya in the row? (A) 14 (B) 15 (C) 16 (D) 17	(A)
104	12-02-2021	411	Rearrange the jumbled letters to make meaningful words and then select the one which is different. (A) OMESU (B) ROTINOM (C) RETNIRP	(D)

			(D) RETIAW	
104	12-02-2021	412	Choose the synonym of the word **"AUGUST"** (A) Common (B) Dignified (C) Ridiculous (D) Petty	(B)
104	12-02-2021	413	Find out whether there is any Grammatical error in the underlined part of the below sentence. If yes, indicate the correct answer among the given options, else indicate "No correction": **Because of the Internet, working at jobs at home <u>have become</u> much more common.** (A) has become (B) had become (C) may become (D) No correction	(A)
104	12-02-2021	414	Fill up with the correct preposition: **I will have finished this project …. Friday.** (A) by (B) from (C) since (D) on	(A)
104	12-02-2021	415	Complete the following sentence meaningfully with options given: **There is a general _____ in the State that our ethics are declining and that our moral standards are _____.** (A) optimism, improving	(D)

(B) idea,futile

(C) feeling, normalising

(D) complaint, deteriorating

104	12-02-2021	416	What is the correct meaning of the underlined phrase in the following sentence: My friend had the **special right or advantage** of visiting England as the official guest of the Queen. (A) reputation (B) masterpiece (C) extravagance (D) privilege	(D)
104	12-02-2021	417	Antonym of **Admire** (A) cheerful (B) detest (C) clumsy (D) dismay	(B)
104	12-02-2021	418	Select the correct sentence. (A) If the cab had started on time, she would have reached office on time. (B) If the cab would have been started on time, she had reached office on time. (C) If the cab would have started on time, she would have reached the office on time. (D) If the cab would have started on time, she had reached office on time.	(A)
104	12-02-2021	419	Choose the correct alternative which can be substituted for the below given sentence: **The sales manager tried every trick in the book to sell the flat to my uncle, but they failed.**	(C)

(A) Try to give the least discount

(B) Not ready to bargain

(C) Try every possible way

(D) Stuck in the midway

104	12-02-2021	420	Choose the correct alternative which can be substituted for the below given clause: **'Lasting for a very short time'** (A) Gregarious (B) Snob (C) Ephemeral (D) Belligerent	(C)
104	12-02-2021	421	12 men or 15 women can finish a work in 24 days, in how many days can the same work be finished by 8 men and 8 women? (A) 20 (B) 15 (C) 22 (D) 12	(A)
104	12-02-2021	422	A man can cover a certain distance in 42 minutes. He covers two thirds of it at 4 Km/hr and the remaining 5 Km/hr. The total distance is (A) 3 km (B) 9 km (C) 1 km (D) 4.5 km	(A)
104	12-02-2021	423	Within a rectangular garden 10 m wide and 20 m long, we wish to pave a walk around the borders of uniform width so as to leave an area of 96 m^2 for flowers. How wide should the walk be?	(B)

(A) 1 m

(B) 2 m

(C) 3 m

(D) 4 m

104	12-02-2021	424	A boat can travel with a speed of 13 km/hr in still water. If the speed of the stream is 4 km/hr, find the time taken by the boat to go 68 km downstream. (A) 3 hours (B) 4 hours (C) 5 hours (D) 8 hours	(B)
104	12-02-2021	425	If 120 is 20% of a number, then 120% of that number will be : (A) 560 (B) 720 (C) 680 (D) 480	(B)
104	12-02-2021	426	A, B, C enter into a partnership investing Rs. 35,000 and Rs. 45,000 and Rs. 55,000 respectively. The respectively shares of A, B, C, in an annual profit of Rs. 40,500 are: (A) Rs. 10,500, Rs. 13,500, Rs. 16,500 (B) Rs. 11,500, Rs. 13,000, Rs. 16,000 (C) Rs. 11,000, Rs. 14,000, Rs. 15,500 (D) Rs. 11,500, Rs. 12,500 , Rs. 16,500	(A)
104	12-02-2021	427	Two pipes fill a tank in 10 hours and 12 hours respectively, while a third pipe empties the full tank in 20 hours. If all the three pipes operate simultaneously, in how much time the tank will be filled?	(C)

(A) 7 hours

(B) 8 hours

(C) 7 hrs. 30 minutes

(D) 8 hrs. 30 minutes

| 104 | 12-02-2021 | 428 | A typist uses a sheet measuring 20 cm by 30 cm lengthwise. If a margin of 2 cm is left on each side and a 3 cm margin on top and bottom, then percent of the pages used for typing

(A) 35

(B) 55

(C) 64

(D) 71 | (C) |

| 104 | 12-02-2021 | 429 | In a class with a certain number of students if one new student weighing 50 kg is added, then average weight of class is increased by 1 kg. If one more student weighing 50 kg is added, then the average weight of the class increases by 1.5 kg over the original average. What is the original average weight (in kg) of the class?

(A) 46

(B) 42

(C) 45

(D) 47 | (D) |

| 104 | 12-02-2021 | 430 | In 10 years, A will be twice as old as B was 10 years ago. If A is now 9 years older than B, the present age of B is:

(A) 19

(B) 29

(C) 39

(D) 10 | (C) |

| 104 | 12-02-2021 | 431 | The processing chip that is the "brain" of a computer | (A) |

(A) CPU

(B) UPS

(C) RAM

(D) Operating System

104	12-02-2021	432	The temporary holding area where data is stored while it is being used or changed (A) RAM (B) ROM (C) CPU (D) SERVER	(A)
104	12-02-2021	433	Company that provides Internet connections and services to individuals and organizations (A) HTTP (B) ISP (C) Network (D) PHP	(B)
104	12-02-2021	434	A computer network which provides access to consolidated, block-level data storage (A) SSD (B) SaaS (C) WAN (D) SAN	(D)
104	12-02-2021	435	Which of the following is not an example of Web video conferencing tool? (A) Microsoft Teams (B) Cisco Webex (C) Zoom	(D)

			(D) Anydesk	
104	12-02-2021	436	What is the most common connector used to connect a computer to a wired network? (A) RJ45 (B) RG6 (C) RJ8 (D) RG58	(A)
104	12-02-2021	437	What process is used to identify a person before giving access to an application? (A) Authentication (B) Encryption (C) Access control (D) Auditing	(A)
104	12-02-2021	438	What directory service is used with a Windows domain? (A) E-Directory (B) Active Directory (C) PAM (D) Kerberos	(B)
104	12-02-2021	439	What is the default subnet mask for a class B network? (A) 255.0.0.0 (B) 255.255.255.0 (C) 255.255.0.0 (D) 255.255.255.255	(C)
104	12-02-2021	440	What type of device looks at a packet and forwards it based on its destination IP address?	(C)

			(A) Bridge (B) Switch (C) Router (D) VLAN	
104	12-02-2021	441	Key to represent relationship between tables is called (A) Foreign key (B) Primary key (C) Secondary key (D) None of the options	(A)
104	12-02-2021	442	In relational data base models , cardinality is termed as (A) Number of tuples (B) Number of attributes (C) Number of tables (D) Number of fields	(A)
104	12-02-2021	443	Cartesian product in relational algebra is ____ (A) A unary operator (B) A binary operator (C) A ternary operator (D) Not defined	(B)
104	12-02-2021	444	A group of computers that is networked together and used by hackers to steal information is called a ____ (A) Rootkit (B) Botnet (C) DDoS (D) Network	(B)

104	12-02-2021	445	IaaS stands for _____ (A) Internet as a Software (B) Internet as a Service (C) Infrastructure as a Software (D) Infrastructure as a Service	(D)
104	12-02-2021	446	What is comprised of millions of smart devices and sensors connected to the internet? (A) The cloud (B) The internet of things (C) The fog (D) The data center	(B)
104	12-02-2021	447	What operates in the Data Link and the Network layer? (A) Brouter (B) Bridge (C) NIC (D) Router	(A)
104	12-02-2021	448	In a _____ topology, if there are n devices in a network, each device has n - 1 ports for cables. (A) ring (B) bus (C) star (D) mesh	(D)
104	12-02-2021	449	In SQL, which command is used to add new rows to a table? (A) ALTER TABLE (B) ADD ROW	(C)

			(C) INSERT (D) APPEND	
104	12-02-2021	450	Which Feature of OOP illustrated the code reusability? (A) Polymorphism (B) Abstraction (C) Encapsulation (D) Inheritance	(D)
104	12-02-2021	451	HTTP is connectionless (A) TRUE (B) FALSE (C) May be (D) Can't say	(A)
104	12-02-2021	452	Communication circuits that transmit data in both directions but not at the same time are operating in (A) a simplex mode (B) a half-duplex mode (C) a full-duplex mode (D) an asynchronous mode	(B)
104	12-02-2021	453	Full adder has (A) 4 inputs (B) 8 inputs (C) 10 inputs (D) 3 inputs	(D)
104	12-02-2021	454	The logical data structure with a one-to-many relationship is a : (A) network	(B)

(B) tree

(C) chain

(D) relational

104	12-02-2021	455	Which command is used to display a file contents in octal form? (A) cd (B) of (C) oct (D) od	(D)
104	12-02-2021	456	An input device which can read characters directly from an ordinary piece of paper is (A) OCR (B) OMR (C) MSI (D) POS	(A)
104	12-02-2021	457	"What data is stored ?" is described by _____ level of abstraction in DBMS. (A) Physical (B) View (C) Conceptual (D) None of the options	(C)
104	12-02-2021	458	In OSI model, which of the following layer transforms information from machine format into that understandable by user (A) application (B) presentation (C) session	(B)

			(D) physical	
104	12-02-2021	459	In _____ topology, each device connects to a central point through cables in a network. (A) Bus topology (B) Star topology (C) Ring topology (D) Hybrid topology	(B)
104	12-02-2021	460	Conversion of a hexadecimal number $3D_{16}$ to binary number is (A) 111101 (B) 110011 (C) 11000110 (D) 110001	(A)
104	12-02-2021	461	Banker's algorithm for resource allocation deals with (A) deadlock prevention (B) mutual exclusion (C) deadlock recovery (D) deadlock avoidance	(D)
104	12-02-2021	462	How do you get help about the command cp? (A) help cp (B) man cp (C) cd ? (D) cd cp	(B)
104	12-02-2021	463	Cloud computing is a _____ system and it is necessarily unidirectional in nature. (A) stateless	(A)

(B) reliable

(C) stateful

(D) None of the options

104	12-02-2021	464	Which of the following is a Data Model? (A) Entity-Relationship model (B) Relational data model (C) Object-Based data model (D) All of the options	(D)
104	12-02-2021	465	Which of this is not a class of IP address? (A) Class E (B) Class C (C) Class D (D) Class F	(D)
104	12-02-2021	466	The length of an IPv6 address is (A) 32 bits (B) 64 bits (C) 128 bits (D) 256 bits	(C)
104	12-02-2021	467	The term IANA stands for (A) Internet Assigned Numbers Authority (B) Internal Assigned Numbers Authority (C) Internet Associative Numbers Authoritative (D) Internal Associative Numbers Authority	(A)
104	12-02-2021	468	. ... address use 7 bits for the <network> and 24 bits for the <host> portion of the IP address.	(B)

			(A) Class C	
			(B) Class A	
			(C) Class B	
			(D) Class D	
104	12-02-2021	469	Which of the following is true with regard to the ping command? (A) Ping stands for Packet Internet Generator (B) The ping command checks the port level connectivity between source destinations end points (C) Ping summarizes the packet loss and round-trip delay between two IP end points (D) The ping command activates the RARP protocol of the IP layer	(C)
104	12-02-2021	470	Bridge works in which layer of the OSI model? (A) Application layer (B) Transport layer (C) Network layer (D) Datalink layer	(D)
104	12-02-2021	471	Which of them is not a powerful vulnerability detecting tool? (A) Nessus (B) Nexpose (C) Metasploit (D) Nmap	(D)
104	12-02-2021	472	What is the purpose of a Denial of Service attack (A) Exploit a weakness in the TCP/IP stack (B) To execute a Trojan on a system	(C)

			(C) To overload a system so it is no longer operational (D) To shutdown services by turning them off	
104	12-02-2021	473	TDM, slots are further divided into _____ (A) Seconds (B) Frames (C) Packets (D) Bits	(B)
104	12-02-2021	474	What is the command to change the group ownership of a file? (A) cgrp (B) chgrp (C) change (D) group	(B)
104	12-02-2021	475	To hide information inside a picture, what technology is used? (A) Rootkits (B) Bitmapping (C) Steganography (D) Image Rendering	(C)
104	12-02-2021	476	A network that needs human beings to manually route signals is called.... (A) Fiber Optic Network (B) Bus Network (C) T-switched network (D) Ring network	(C)
104	12-02-2021	477	FDDI stands for	(A)

			(A) Fiber Distributed Data Interface	
			(B) Fiber Data Distributed Interface	
			(C) Fiber Dual Distributed Interface	
			(D) Fiber Dual Data Interface	
104	12-02-2021	478	The users must agree to the _____ terms and agreements when they use an open source software. (A) System (B) License (C) Community (D) Programmer	(B)
104	12-02-2021	479	Ethernet system uses which of the following technology. (A) Ring (B) Star (C) Bus (D) Tree	(C)
104	12-02-2021	480	In which language are the system calls implemented in Unix? (A) C (B) C++ (C) Assembly Language (D) Fortran	(A)