





# MPPSC MADHYA PRADESH



STATE FOREST SERVICE

INFORMATION & COMMUNICATION Technology

**MCQs** 

Module - 5

# MPPSC STATE FOREST SERVICE 2023



**Shashank Jain** 

Course + CIGP



**Ankur Gupta** 

Comprehensive Forestry Course



**Jyoti Thakur** 

Course + CIGB

Deependra Lodhi

Comprehensive Interview

Guidance Programme



**Shivam Gautam** 

Comprehensive Interview
Guidance Programme



**Kapil Chauhan** 

Comprehensive Forestry
Course



**Nitin Patel** 

Course + CIGP



Alok Kumar Jhariya

Comprehensive Forestry Course + CIGP



**Ravi Kumar** 

Comprehensive Interview
Guidance Programme + Test Series



Tarun Chouhan

Comprehensive Interview
Guidance Programme + Test Series



Raghvendra Thakur

Comprehensive Forestry Course + Test S. + CIGP 11 Out 12 Total Selections in

Assistant Conservator of Forest (ACF) 2023

108 Out 126 Total Selections in

Range Forest Officer (RFO) 2023



**Arvind Ahirwar** 

Comprehensive Interview
Guidance Programme + Test Series



Pushpendra Singh Ahirwar

Comprehensive Forestry



**Narendra Gunare** 

Comprehensive Interview
Guidance Programme + Test Series



Jitendra Kumar Verma

Comprehensive Forestry



Jaishrish Barethiya

Comprehensive Forestry



Bhavna Sehariya

Comprehensive Forestry Course + CIGP



**Pradeep Ahirwar** 

Comprehensive Forestry Course + CIGP



**Anil Kumar Gour** 

Comprehensive Forestry Course + CIGP



**Aakash Kumar Malviya** 

Comprehensive Forestry Course + CIGP



**Rajesh Kumar Jatav** 

Comprehensive Forestry Course + CIGP



Veerendra Prajapati

Comprehensive Interview Guidance Programme + Test Series



**Dinesh Kumar** 

Test Series



Niranjan Dehariya

Course + CIGP



**Abhinay Chouhan** 

Test Series



**Sher Singh Ahirwar** 

Course + CIGR



**Pradeep Jatav** 

Comprehensive Forestry Course + CIGP



**Amit Sisodiya** 

Comprehensive Interview Guidance Programme



**Abhishek Barodiya** 

Comprehensive Interview
Guidance Programme



Golu Goyal

Comprehensive Interview
Guidance Programme + Test Series



Pawan Raje

Comprehensive Interview
Guidance Programme + Test Series

# Information and Communication Technology

MODULE – 5



**EDITION: 2026** 

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Module - 5

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1	MPPSC Civil/Forest (Prelims) Examination 2018	9	100
2	MPPSC Civil/Forest (Prelims) Examination 2019	11	100
3	MPPSC Civil/Forest (Prelims) Examination 2020	7	100
4	MPPSC Civil/Forest (Prelims) Examination 2021	9	100
5	MPPSC Civil/Forest (Prelims) Examination 2022	10	100
6	MPPSC Civil/Forest (Prelims) Examination 2023	9	100
7	MPPSC Civil/Forest (Prelims) Examination 2024	10	100
8	MPPSC Civil/Forest (Prelims) Examination 2025	10	100
9	MPPSC Forest (Mains) 2018 (Paper - 2) Science	20	100
10	MPPSC Forest (Mains) 2019 (Paper - 1)	6	100
11	MPPSC Forest (Mains) 2019 (Paper - 2)	10	100
12	MPPSC Forest (Mains) Re – exam 2019 (Paper - 1)	6	100
13	MPPSC Forest (Mains) Re – exam 2019 (Paper - 2)	10	100
14	MPPSC Forest (Mains) 2020	10	150
15	MPPSC Forest (Mains) 2021	11	150
16	MPPSC Forest (Mains) 2022	10	150
17	MPPSC Forest (Mains) 2023	10	150
18	MPPSC Forest (Mains) 2024	11	150
19	MPPSC Engineering Examination 2020	10	50
20	MPPSC Engineering Examination 2021	10	50
21	MPPSC Engineering Examination 2022	7	50
22	MPPSC Engineering Examination 2024	5	50
23	MPPSC Veterinary Assistant Surgeon Examination 2021	10	150
24	MPPSC Veterinary Assistant Surgeon / Veterinary Extension Officer Examination	10	130
24	2023	12	150
25	MPPSC Asst. Dir. Veterinary-Asst. Surgeon Veterinary Extension Officer		
23	Examination 2024	5	150
26	MPPSC State Eligibility Test (SET) Paper 1 & 2 Computer Science Examination 2022	19	150
27	MPPSC State Eligibility Test Computer Science Application Paper 1 & 2	19	130
21	Examination 2024	23	150
28	MPPSC Assistant Professor Examination 2022	9	50
		5	
29 30	MPPSC Assistant Professor, Librarian and Sports Officer Examination 2024  MPPSC Assistant Professor (Paper 1) Examination 2025	6	50 50
		_	
31	MPPSC Assistant Registrar Examination 2018 Paper 1	14	150
32	MPPSC Assistant Registrar Examination 2018 Paper 2	5	150
33	MPPSC Assistant Registrar Examination 2022	9	150
34	MPPSC Society Management Assistant Registrar Examination 2023	10	150
35	MPPSC Assistant District Prosecution Officer Examination 2021	10	150
36	MPPSC Assistant Director (kisan kalyan and krishi vikas (kshetra and vistar)	6	150
	Examination 2019		
37	MPPSC Assistant Director (Social Justice and Disabled Welfare Department)	10	150
	Examination 2021		
38	MPPSC Principal Grade - I, Deputy Director, Principal Grade – II, Assistant Director	12	150
	(Technical) Examination 2023		
39	MPPSC Assistant Director (Horticulture) Examination 2023	10	150
40	MPPSC Assistant Director Gramodhyog (Handloom) Examination 2023	10	150
41	MPPSC Assistant Director Examination 2024	5	50
42	MPPSC Deputy Director / Principal Grade – II / Assistant Director (Technical)	3	50
	Examination 2024	3	30
43	MPPSC Ayurveda Medical Examination 2021	10	150
44	MPPSC Homeopathy Medical Officer Examination 2021	10	150
45	MPPSC Unani Medical Officer Examination 2021	10	150
46	MPPSC Assistant Manager (HOSPITAL AND PUBLIC HEALTH MANAGEMENT)		
	Examination 2021	9	150
47	MPPSC Dental Surgeon Examination 2019	10	50
48	MPPSC Dental Surgeon Examination 2022	10	50
49	MPPSC Mining Officer Examination 2023	10	150
	0 =	_~~	



50	MPPSC Mining Inspector Paper (Geology) Examination 2023	9	150
51	MPPSC Assistant Geologist Examination 2023	7	150
52	MPPSC Taxation Assistant Examination 2022	10	150
53	MPPSC Shakha Adhikari (Sampada) Prabandhak [ESTATE MANAGEMENT AND	10	130
33	ADMINISTRATION] Examination 2021	10	150
54	MPPSC Computer Programmer Examination 2021	10	150
55	MPPSC DSP Radio Examination 2021	9	150
	Assam PSC		
1	APSC Stenographer Grade-II Examination 2024	22	100
2	APSC Combined Competitive (Preliminary) Examination 2018, 20, 22, 23, 24	-	500
3	APSC Junior Manager (Electrical, IT) in Assam Power Distribution Company Limited GS Examination 2023	2	100
4	APSC Junior Manager (IT) in Assam Power Distribution Company Limited Examination 2023	39	100
5	APSC Assistant Manager (Electrical, Civil) in Assam Power Distribution Company Limited (APDCL) Examination 2023	6	100
6	APSC Assistant Accounts Officer of Assam Power Distribution Company Limited. Examination 2024	1	50
7	APSC Child Development Project officer & Allied Cadres under Women and Child Development Department, Criminology Assam Examination 2023	4	200
8	APSC Assistant Accounts Officer of Assam Electricity Grid Corporation Limited Examination 2024	-	100
9	APSC Junior Manager IT in Assam Electricity Grid Corporation Limited (AEGCL) Examination 2023	94	200
10	APSC Assistant Manager (Electrical, Mechanical, Civil, Human Resource) in Assam Electricity Grid Corporation Limited (AEGCL) Examination 2023	2	200
11	Assam Urban Engineering Service Urban Technical Officer (Junior Grade-III) (Civil Engineering) Examination 2023	1	100
12	APSC Junior Engineer GS (Civil/Mechanical/Electrical/Chemical) under Public Health Engineering Department Examination 2023, 24	6	200
13	APSC Junior Engineer (Civil), Water Resources Department Examination 2025	2	100
14	APSC Junior Engineer (Civil) under the joint cadre of PWRD & PW (Building & NH) Department Examination 2025	-	100
15	APSC Assistant Engineer (Mechanical) under joint cadre of Public Works Roads (PWRD) and Public Works (Building & National Highway) Department Examination 2023, 24	-	200
16	APSC Enforcement Inspector (EI) under Transport Department Examination 2024	8	100
17	APSC Tourism Development Officer under Tourism Department Examination 2024	1	100
18	APSC Law Assistant in the office of the Chief Inspector of Factories, Assam under Labour Welfare Department (2024)	-	200
19	APSC Computer Operator Examination 2024	34	100
20	APSC Motor Vehicle Inspector under Transport Department Examination 2024	-	100
21	APSC Research Assistant under Finance (Economics Affairs) Department Examination 2024	14	100
22	APSC Scientific Officer under the Directorate of Forensic Science Examination 2023	13	100
23	APSC Librarian cum Archive Officer GS Television Institute under Cultural Affairs Department Examination 2024	23	100
24	APSC Senior Information & Public Relations Officer under Information Examination 2023	10	100
25	APSC Junior Information & Public Relations Officer under Information Examination 2023	9	100
26	APSC Assistant Research Officer under Science, Technology & Climate Change Department. Examination 2022	2	100
27	APSC Junior Administrative Assistant under the Establishment Examination 2024	=	100
28	APSC Junior Manager (Electrical, Mechanical, IT, INSTRUMENTATION), in Assam Power Generation Corporation Limited Examination 2023	1	100
29	APSC Electrical Inspector (Grade-I) Inspectorate of Electricity Assam under Power (Electricity) Department Examination 2024	-	100
30	APSC Inspector of Statistics, Transformation and Development Department Examination 2025	1	100



	T		
31	APSC Conservation Officer (Gr.II) in the Directorate of Archaeology, Assam under Indigenous and Tribal Faith and Cultural Department Examination 2022, 2023	1	200
32	APSC Inspector of Statistics in the Directorate of Economics & Statistics under Transformation and Development Department, Government of Assam Examination 2023	1	100
33	APSC Research Officer (RRSC) in the directorate of Historical and Antiquarian Studies, Assam under Indigenous and Tribal Faith and Culture Department Examination 2023	-	100
34	APSC Cultural Development Officer in Directorate of Cultural Affairs under Cultural Affairs Department Examination 2023	-	100
35	APSC Inspector of Schools, District Elementary Education Officers, Deputy Director under Assam Education Service Examination 2023	-	100
36	APSC Chemical Examiner (Excise) Assam under Excise Department Examination 2023	1	100
37	APSC Veterinary Officer, Block Veterinary Officer, Class-B, Class-I (Jr. Grade) under Animal Husbandry & Veterinary Department, Assam, Guwahati Examination 2024	-	100
38	APSC Assistant Architect under Public Works (Building & NH) Department Examination 2025	ı	100
39	APSC Assistant Director of Cottage Industries and its equivalent posts, Industries & Commerce Department Examination 2025	1	100
40	APSC Agricultural Development Officer, Agriculture Department Examination 2025	-	100
	RPSC		
1	RPSC Asst. Prof. (College Education) Paper- (PUBLIC ADMIN-I & II) Examination 2020	3	300
2	RPSC Deputy Commandant Examination 2020	5	180
3	RPSC Deputy Jailor (Paper-II) Examination 2024	4	150
4	RPSC Head Master Praveshika School (Paper I) (Sanskrit Edu.) Examination 2021	14	150
5	RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (G.K.) (Group-C & E) Examination 2024	9	325
6	RPSC Public Relation Officer Examination 2024	10	150
7	RPSC Raj. State and Sub. Services Comb. (Prelims) Examination 2018, 21, 23, 24	13	600
8	RPSC School Lecturer (Sanskrit Edu.) (G.A. and G.S, Political Science) Examination 2020, 2022, 2024	6	450
9	RPSC Sr. Teacher (Sanskrit Edu.) Comp. (GK and Education Psychology) (Group-A & B) Examination 2022, 24	1	650
10	RPSC School Lecturer (School Edu.) (G.K Political Science, Physical Education) (GROUP-A & E) Examination 2018, 2022	14	475
11	RPSC Sub Inspector Comb. Comp. (GK and GS) Examination 2021	3	300
12	RPSC Asst. Prof. College Education (Political Science-1 & 2), Law-I Examination 2020	-	450
13	RPSC Asst. Prof. Sanskrit College Edu. (POLITICAL SCIENCE-I & II) Examination 2024	-	300
14	RPSC Asst. Prof., Librarian and PTI College Edu. (Political Science - Paper I & II, Law - Paper I) Examination 2023	-	450
15	RPSC Asst. Prof., Librarian and PTI College Edu. (Public Administration - Paper I & II) Examination 2023	-	300
16	RPSC Evaluation Officer Examination 2020	-	200
			222
17	RPSC Junior Legal Officer Examination 2019, 2023	-	300
17 18	RPSC Junior Legal Officer Examination 2019, 2023  RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and General Studies) (GROUP-B) Examination 2024	-	75
17 18 19	RPSC Junior Legal Officer Examination 2019, 2023  RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and General Studies) (GROUP-B) Examination 2024  RPSC Protection Officer (General Studies) Examination 2022	-	
17 18 19 20	RPSC Junior Legal Officer Examination 2019, 2023  RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and General Studies) (GROUP-B) Examination 2024  RPSC Protection Officer (General Studies) Examination 2022  RPSC School Lecturer School Edu. (General Awareness and General Studies) (GROUP-B, C, D) Examination 2022	-	75 150 225
17 18 19 20 21	RPSC Junior Legal Officer Examination 2019, 2023  RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and General Studies) (GROUP-B) Examination 2024  RPSC Protection Officer (General Studies) Examination 2022  RPSC School Lecturer School Edu. (General Awareness and General Studies) (GROUP-B, C, D) Examination 2022  RPSC School Lecturer School Edu. (Public Administration) Examination 2018, 2022	-	75 150 225 300
17 18 19 20 21 22	RPSC Junior Legal Officer Examination 2019, 2023  RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and General Studies) (GROUP-B) Examination 2024  RPSC Protection Officer (General Studies) Examination 2022  RPSC School Lecturer School Edu. (General Awareness and General Studies) (GROUP-B, C, D) Examination 2022  RPSC School Lecturer School Edu. (Public Administration) Examination 2018, 2022  RPSC Senior Physical Education Teacher (Paper-I) Examination 2022	-	75 150 225
17 18 19 20 21 22 23	RPSC Junior Legal Officer Examination 2019, 2023  RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and General Studies) (GROUP-B) Examination 2024  RPSC Protection Officer (General Studies) Examination 2022  RPSC School Lecturer School Edu. (General Awareness and General Studies) (GROUP-B, C, D) Examination 2022  RPSC School Lecturer School Edu. (Public Administration) Examination 2018, 2022  RPSC Senior Physical Education Teacher (Paper-I) Examination 2022  RPSC Sr. Teacher Gr II (Sec. Edu.) Comp. (G.K. Group – A, B, C, D, Social Science) Examination 2022	-	75 150 225 300 100 550
17 18 19 20 21 22 23	RPSC Junior Legal Officer Examination 2019, 2023  RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and General Studies) (GROUP-B) Examination 2024  RPSC Protection Officer (General Studies) Examination 2022  RPSC School Lecturer School Edu. (General Awareness and General Studies) (GROUP-B, C, D) Examination 2022  RPSC School Lecturer School Edu. (Public Administration) Examination 2018, 2022  RPSC Senior Physical Education Teacher (Paper-I) Examination 2022  RPSC Sr. Teacher Gr II (Sec. Edu.) Comp. (G.K. Group – A, B, C, D, Social Science) Examination 2022  RPSC Asst. Director Sci. and Tech. Dept. (Paper-II) Examination 2024	- - - -	75 150 225 300 100 550
17 18 19 20 21 22 23 24 25	RPSC Junior Legal Officer Examination 2019, 2023  RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and General Studies) (GROUP-B) Examination 2024  RPSC Protection Officer (General Studies) Examination 2022  RPSC School Lecturer School Edu. (General Awareness and General Studies) (GROUP-B, C, D) Examination 2022  RPSC School Lecturer School Edu. (Public Administration) Examination 2018, 2022  RPSC Senior Physical Education Teacher (Paper-I) Examination 2022  RPSC Sr. Teacher Gr II (Sec. Edu.) Comp. (G.K. Group – A, B, C, D, Social Science) Examination 2022  RPSC Asst. Director Sci. and Tech. Dept. (Paper-II) Examination 2024  RPSC Protection Officer (Law) Examination 2022	- - - - - 2	75 150 225 300 100 550 100 150
17 18 19 20 21 22 23	RPSC Junior Legal Officer Examination 2019, 2023  RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and General Studies) (GROUP-B) Examination 2024  RPSC Protection Officer (General Studies) Examination 2022  RPSC School Lecturer School Edu. (General Awareness and General Studies) (GROUP-B, C, D) Examination 2022  RPSC School Lecturer School Edu. (Public Administration) Examination 2018, 2022  RPSC Senior Physical Education Teacher (Paper-I) Examination 2022  RPSC Sr. Teacher Gr II (Sec. Edu.) Comp. (G.K. Group – A, B, C, D, Social Science) Examination 2022  RPSC Asst. Director Sci. and Tech. Dept. (Paper-II) Examination 2024	- - - -	75 150 225 300 100 550



29 30	RPSC Food Safety Officer Examination 2022	-	150
-	RPSC Lecturer and Coach (School Edu. Dept.) - Comp. (General Awareness and		
	General Studies) (Group-E) Examination 2024	2	75
31	RPSC Librarian Grade-II School Edu. (Paper-I) Examination 2024	_	100
32	RPSC PTI and Librarian Sanskrit College Edu. (General Studies of Rajasthan)		
	Examination 2024	-	100
33	RPSC Research Assistant (Evaluation Dept.) Examination 2024	12	150
34	RPSC Superintendent Garden Examination 2021	2	150
	CGPSC	•	
1	CGPSC (Pre) 2017, 18, 19,20, 21, 22, 23, 24	10	800
2	CGPSC ACF (Paper 2) 2017, 2020	12	300
3	CGPSC State Engineering Service (GS) 2017, 2020, 21	17	600
4	CGPSC Mining Inspector (GS) 2018, 2025	-	100
5	CGPSC Mining Officer (GS) 2022	-	50
6	CGPSC Assistant Regional Transport Officer 2022, 23	-	300
7	CGPSC Boiler Inspector 2022, 24	-	300
8	CGPSC DSP Radio (Paper 1 & 2) 2022	5	100
9	CGPSC Homoeopathy Medical Officer exam 2017, 2022	-	100
10	CGPSC Chief Municipal Officers 2019	1	150
11	CGPSC Principal Grade 2/ Assistant Director (Technical) 2021	_	50
12	CGPSC District Ayurveda officer (Ayush) exam 2023	-	150
13	CGPSC Casualty Medical Officer 2022	_	50
14	CGPSC Ayurveda Medical Officer 2022	-	50
15	CGPSC Physiotherapist exam 2022	_	50
16	CGPSC Assistant Director, Jansampark 2020	2	300
17	CGPSC Assistant Professor IT 2019	11	100
18	CGPSC Dental Surgeon exam 2022	-	150
19	CGPSC Veterinary Assistant Surgeon exam 2021	_	50
20	CGPSC Insurance Medical officer 2020	_	50
21	CGPSC Ayurved Medical Officer 2017	_	50
22	CGPSC Scientific Officer (GS) 2022	_	50
23	CGPSC Assistant Director Resham (Village Industries Department) 2021	-	50
	UPPSC & Other Exam	1	
1	UPPCL Technical Grade – 2 (Shift I, II) 2019, (19/03/2021 – 28/03/2021),		
-	(03/11/2023 – 17/11/2023)	203	2200
2	UPPCL Executive Assistant (Shift I, II) (21/11/2022 – 30/11/2022)	190	1600
3	UPPCL Assistant Accountant (Shift I, II) 2019, 20, 21, 22, 23	67	1000
4	UPPCL APS 2018	15	100
5	UPPCL ARO 2018, 2022	38	600
6	UPPCL Stenographer 2018	6	100
7	Allahabad High Court (RO/ARO) 2021(14/12/2021 – 20/12/2021), 2022	71	1800
8	UP Police computer Operator	15	100
9	UPSSSC ETO 2025	3	100
10	UPSSSC JE 2022	5	100
11	UPSSSC VDO 2023	1	100
12	UPSSSC Junior Analyst Drugs 2025	7	100
	Other Exam		
1	BPSC TRE (1.0, 2.0, 3.0) 2023, 2024	183	800
_	UPSC IAS (Pre) 2019, 2020, 2022	4	300
2		-	
2	I BSPHCL JE 2019	6	100
2 3 4	BSPHCL JE 2019  NVS Junior Assistant 2022	6 3	100 100

 $\textbf{Note}: After \ thorough \ analysis \ of \ the \ initial \ dataset \ of \ 33,205 \ questions, \ we \ have \ curated \ a \ refined \ selection \ of \ analysis \ of \ the \ initial \ dataset \ of \ analysis \ of \ the \ initial \ dataset \ of \ analysis \ of \ analysis \ of \ the \ initial \ dataset \ of \ analysis \ of \ analysis$ 1,802 questions pertaining to Information & Communication Technology (ICT). These questions have been organized chapter-wise, with duplicates and similar entries merged for clarity and conciseness.



# **Computer Fundamentals**

# Computer Fundamentals

- 1. What is the name of the program which is embed in a semiconductor chip during the manufacturing of the computer ? / उस प्रोग्राम का नाम क्या है जिसे कंप्यूटर के निर्माण के दौरान सेमीकंडक्टर चिप में लगाया जाता है ? [MPPSC Forest (Mains) 2019 (Paper 2)]
  - (a) Embedded software
  - (b) Firmware
  - (c) Inbuilt software
  - (d) Hardware
- 2. Which of the following is not a component of the Central Processing Unit of Computer? / निम्नलिखित में से कौन-सा कम्प्यूटर की सेंट्रल प्रोसेसिंग यूनिट का एक घटक नहीं है ? [MPPSC Veterinary Assistant Surgeon 2021]
  - (a) Register
  - (b) Arithmetic Logic Unit
  - (c) Control Unit
  - (d) Secondary Memory
- 3. Which of the following bus provides 'Plug and play' mode of operation to computer user? / निम्न में से कौन-सा बस, कम्प्यूटर उपयोगकर्ता को 'प्लग एण्ड प्ले' ऑपरेशन का साधन देता है?

# [MPPSC State Engineering Service 2022]

- (a) PCI
- (b) SCSI
- (c) USB
- (d) INT
- 4. Which register is responsible for temporarily storing the result of arithmetic and logical operations?
  / अंकगणितीय और तार्किक संचालनों के परिणामों को अस्थायी रूप से संग्रहीत करने के

- लिए कौन-सा रजिस्टर जिम्मेदार है ? [MPPSC State Eligibility Test Computer Science 2022]
- (a) Program Counter (PC)
- (b) Accumulator (ACC)
- (c) Memory Address Register (MAR)
- (d) Instruction Register (IR)
- 5. LED stands for / LED का पूर्ण रूप है।

# [MPPSC Assistant Geologist Exam 2023]

- (a) Laser Electric Diode
- (b) Laser Emitting Diode
- (c) Light Electric Diode
- (d) Light Emitting Diode
- 5. One Byte is equal to / एक बाइट बराबर
  - है [MPPSC Assistant Professor Exam 2022]
  - (a) One Nibble
  - (b) Two Nibble
  - (c) Three Nibble
  - (d) Four Nibble
- One Terabyte is equivalent to / एक टेराबाइट (Terabyte) समतुल्य है [MPPSC

### Assistant Registrar 2022]

- (a) 2<sup>40</sup> bytes
- (b) 2<sup>32</sup> bytes
- (c) 2<sup>24</sup> bytes
- (d) 2<sup>16</sup> bytes
- 8. Picture element is also known as: / चित्र तत्त्वों को इस रूप में भी जाना जाता है :

[MPPSC Ayurveda Medical 2021; MPPSC Unani Medical Officer 2021; MPPSC Homeopathy Medical Officer 2021]

- (a) Pixels
- (b) Dots
- (c) Points
- (d) Resolution

- A petaflop is equivalent to / एक पेटाफ्लॉप किसके समतुल्य है? [MPPSC Mining Officer 2023]
  - (a) 109 flop
  - (b) 10<sup>12</sup> flop
  - (c) 10<sup>15</sup> flop
  - (d) 10<sup>18</sup> flop
- 10. Which of the following wired transmission media is the fastest ? / निम्नलिखित में कौन-सा तारों वाला ट्रांसमिशन मीडिया तेज कार्य करता है ? [MPPSC State Eligibility Test (Computer Science) 2024]
  - (a) Twisted Pair
  - (b) Coaxial
  - (c) Fiber Optics
  - (d) Cellular Telephone
- 11. Which of the following file extensions is used for storing an image file? / एक इमेज फाइल को स्टोर करने के लिये, निम्नलिखित में से किस फाइल एक्सटेंशन का उपयोग होता है? [MPPSC

#### **Taxation Assistant 2022**]

- (a) JPEG
- (b) dbf
- (c) doc
- (d) txt
- 12. Sources of data collected and compiled by others is called : / दूसरों द्वारा एकत्रित और संकलित किए गए समंक के स्रोत कहलाते हैं : [MPPSC State Eligibility Test (Computer Science) 2024]
  - (a) Primary data
  - (b) Secondary data
  - (c) Primary data and Secondary data
  - (d) None of the above
- **13.** How many bits are required to represent a character in ASCII



# Input Output, Memory, Virus

# Input / Output device

- Most modern printers are connected to / अधिकांश मॉर्डन प्रिंटर किस पोर्ट से जुड़े होते हैं? [MPPSC Assistant Geologist Exam 2023]
  - (a) Ethernet port
  - (b) Parallel port
  - (c) PS-2 port
  - (d) None of the above
- 2. Which of the following is a nonimpact printer? / निम्न में से कौनसा नॉन-इम्पेक्ट प्रिंटर है? [MPPSC Assistant Registrar (Paper - 2) 2018]
  - (a) Dot Matrix Printer
  - (b) Character Printer
  - (c) Inkjet Printer
  - (d) All of these
- 3. Which of the following is an example of input devices? / निम्न में से इनपुट डिवाइस का उदाहरण कौन-सा है ? [MPPSC Dental Surgeon 2022; State Engineering Service Exam 2021]
  - (a) Trackball
  - (b) Speaker
  - (c) Printer
  - (d) Plotter
- 4. Which device is able to detect marks on paper? / कौनसा उपकरण पेपर पर अंक जांचने में सक्षम होता है? [MPPSC
  - Assistant Registrar (Paper 2) 2018]
  - (a) OCR
  - (b) OMR
  - (c) MICR
  - (d) BCR
- 5. Which of the following is a field scanner? / निम्न में से कौनसा फील्ड स्केनर
  - है? [MPPSC Assistant Registrar (Paper
  - 2) 2018]
  - (a) Flatbed scanner
  - (b) Drum Scanner

- (c) Camcorder
- (d) None of these
- 6. Which of the following is not a locator device? / निम्न में से कौनसा स्थापक यंत्र नहीं है? [MPPSC Assistant Registrar (Paper 2) 2018]
  - (a) Trackball
  - (b) Touch Pad
  - (c) Joy Stick
  - (d) Keyboard
- 7. I/O devices communicate with the processor through a/an: / I/O डिवाइसेस का प्रोसेसर से संचार करने का माध्यम है : [MPPSC State Eligibility Test

## (Computer Science) 2024]

- (a) Control Bus
- (b) I/O Bus and System Bus
- (c) I/O Bus
- (d) I/O Bus and I/O Bus Controller
- 8. Which of the following device can be used to input text? / निम्नलिखित में से कौन-सा उपकरण (Device) टेक्स्ट इनपुट करने के लिए प्रयोग किया जा सकता है? [CGPSC Assistant Professor IT 2019]
  - (a) OCR
  - (b) OMR
  - (c) MICR
  - (d) All of these
- 9. In MICR, C stands for / MICR में C का मतलब है [MPPSC Assistant Registrar 2020]
  - (a) Colour
  - (b) Character
  - (c) Code
  - (d) Card
- **10.** Which of the following is an input device? / निम्नलिखित में से कौन-सी एक

# इनपुट डिवाइस है? [CGPSC State Engineering Service (GS) 2017]

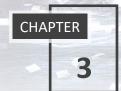
- (a) Image Scanner
- (b) Monitor
- (c) Printer
- (d) Speaker
- (e) Laser Printer
- 11. A light sensitive device that converts drawings, printed text or other images into digital form is, / आरेखों, मुद्रित लेखों अथवा चित्रों को डिजिटल (Digital) स्वरूप में परिवर्तित करने के लिए किस प्रकाश सुग्राही उपकरण की आवश्यकता होती है ? [CGPSC ACF (Paper 2) 2017]
  - (a) Keyboard
  - (b) Plotter
  - (c) Scanner
  - (d) OMR sheet
  - (e) None of these
- 12. What is the decimal equivalent of the binary number 1101? / बाइनरी संख्या 1101 का दशमलव समतुल्य क्या है?

#### [APSC Computer Operator 2024]

- (a) 5
- (b) 10
- (c) 15
- (d) 13
- 13. Which of the following is not a type of computer code? / निम्नलिखित में से कौन-सा एक प्रकार का कंप्यूटर कोड नहीं है?

# [APSC Computer Operator 2024]

- (a) BCD
- (b) EDIC
- (c) EBCDIC
- (d) ASCII
- 14. Which number system has a base of 16? / किस संख्या पद्धति का आधार



# Internet, Web Portal, Network, TCP/IP Model

#### Internet

 The spectrum frequency range in 5G network that supports high data rate is / 5G नेटवर्क में उच्च डेटा दर को सपोर्ट करने वाली स्पेक्ट्रम फ्रिक्वेंसी रेंज है।

# [MPPSC Assistant District Prosecution Officer 2021]

- (a) Below 1 GHz / 1 GHz से कम
- (b) Between 1 GHz to 6 GHz / 1 GHz से 6 GHz के मध्य
- (c) Above 6 GHz / 6 GHz से ज़्यादा
- (d) None of the above / उपर्युक्त में से कोई नहीं
- 2. To access a web resource, conversion of the domain name of each web server to its corresponding IP address is done through / किसी वेब संसाधन तक पहुंचने के लिए, प्रत्येक वेब सर्वर के डोमेन नाम को उसके संबंधित आई पी पते में ............ द्वारा परिवर्तित किया जाता है । [MPPSC Assistant Director (Horticulture) 2023]
  - (a) DNS Server
  - (b) TCP Protocol
  - (c) HTTP Protocol
  - (d) IP Address
- 3. Which of the following is not a type of Internet connection? / निम्नलिखित में से कौन-सा इंटरनेट कनेक्शन का प्रकार नहीं है ? [MPPSC Assistant Director Gramodhyog 2023]
  - (a) Dial-up
  - (b) Wi-Fi
  - (c) Radio
  - (d) Broadband
- What is the full form of "WWW"? / "WWW" का पूर्ण रूप क्या है ? [MPPSC

# Assistant Director Gramodhyog 2023]

- (a) Web Wide World
- (b) Wide World Web
- (c) World Wide Wire
- (d) World Wide Web
- 5. The full name of SSL, the technique used for keeping data transmission of the Internet safe is / इंटरनेट पर डेटा के आदान-प्रदान को सुरक्षित रखने के लिए प्रयुक्त तकनीक एस.एस.एल. का पूरा नाम है [MPPSC Assistant District Prosecution Officer 2021]
  - (a) Safe Socket Layer
  - (b) Socket Security Layer
  - (c) Secure Sockets Layer
  - (d) Secure Safe Layer
- 6. Which of the following can be used to reach to the website of unique identification authority of India? / भारतीय विशिष्ट पहचान प्राधिकरण की वेबसाइट पर पहुँचने के लिए निम्नलिखित में से किसका उपयोग किया जा सकता है ?
  [MPPSC Assistant Professor Exam 2022]
  - (a) https://uidai.gov.in
  - (b) https://uiai.gov.in
  - (c) https://uiaoi.gov.in
  - (d) https://udia.gov.in
- 7. A text file containing a string of information on the hard disk as per Browse collection of your computer is called as / एक टेक्स्ट फाईल जिसमें सूचनाओं की एक स्ट्रिंग होती है जो आपके कम्प्यूटर की हार्डडिस्क पर ब्राउजिंग जानकारी संग्रहित करती है, कहलाती है [MPPSC Assistant Professor

#### Exam 2022]

(a) Cookie

- (b) U.R.L.
- (c) D.N.S.
- (d) Plug-in
- World Wide Web was invented by / वर्ल्ड वाइड वेब को आविष्कृत किया था

#### [MPPSC Assistant Registrar 2022]

- (a) Alan Turing
- b) Sir Tim Berners-Lee
- (c) Denis Ritchie
- (d) John McCarthy
- 9. Which mode of communication is utilized by ethernet using CSMA/CD protocol? / CSMA/CD प्रोटोकॉल का उपयोग करते हुए, इंटरनेट में कौनसा संचार मोड होता है ? [MPPSC State Eligibility Test Computer Science
  - (a) Full duplex
  - (b) Half duplex
  - (c) Simplex

2022]

- (d) None of the above
- 10. Each host computer on the Internet has a unique number called : / इंटरनेट पर प्रत्येक होस्ट कम्प्यूटर को एक अद्वितीय संख्या से जाना जाता है :

# [MPPSC State Eligibility Test (Computer Science) 2024]

- (a) I.P. Address
- (b) Terminal Address
- (c) System Address
- (d) Node Address
- 11. Learning online through internet is also known as: / इंटरनेट द्वारा ऑनलाइन सीखना जाना जाता है: [Assistant Registrar (Paper 1) 2018]

#### registral (raper 1)

- (a) E-teaching
- (b) Chatting
- (c) E-learning
- (d) Video Conferencing



# E-Mail, E-Banking & Digital Applications

#### E-Mail

- In E-mail sending option, what is the meaning of BCC? / ई-मेल भेजने के विकल्पों में, बी.सी.सी. का अर्थ क्या है ? [MPPSC Forest (Mains) 2019 (Paper -2)]
  - (a) Blind Carbon Copy
  - (b) Blank Compose Copy
  - (c) Blind Compose Copy
  - (d) Blank Carbon Copy
- 2. What is the full form of BCC in email message? / ईमेल मैसेज में BCC का फुल फॉर्म क्या होता है ? [MPPSC Ayurveda Medical 2021; MPPSC Unani Medical Officer 2021; MPPSC Homeopathy Medical Officer 2021; Assistant Registrar (Paper 1) 2018]
  - (a) Blank Carbon Copy
  - (b) Blind Carbon Copy
  - (c) Blank Computer Copy
  - (d) Blind Computer Copy
- "Phishing" is attempted through which of the following? / "फिशिंग" का प्रयास निम्नलिखित में से किसके द्वारा किया जाता है ? [MPPSC DSP Radio 2021]
  - (a) E-mails
  - (b) SMS
  - (c) Phone calls
  - (d) All of the above
- 4. In which of the following BCC is used? / निम्न में से BCC का उपयोग किस में किया जाता है? [RPSC Head Master Praveshika School 2021]
  - (a) E-mail
  - (b) High Level Language
  - (c) Web browser
  - (d) Search engine

- 5. What term is used to describe unsolicited mail in the context of Internet ? / इंटरनेट के संदर्भ में अवांछित मेल के लिए किस शब्द का उपयोग किया जाता है? [RPSC Public Relation Officer 2024]
  - (a) Phishing
  - (b) Bots
  - (c) Spam
  - (d) Malware
  - (e) Question not attempted
- 6. Which of the following is the most appropriate response when encountering a suspected phishing email? / एक संदिग्ध फ़िशिंग ईमेल का सामना करने पर निम्नलिखित में से सबसे उपयुक्त प्रतिक्रिया क्या है? [APSC Stenographer (Grade-II) 2024]
  - (a) Open the attachment to verify the contents / संलग्नक (Attachment) खोलकर सामग्री की पुष्टि करना
  - (b) Click the provided link to verify sender's identity / दिए गए लिंक पर क्लिक कर प्रेषक की पहचान की पृष्टि करना
  - (c) Reply asking more details / अधिक विवरण पूछने के लिए उत्तर देना
  - (d) Report the email to the IT department / ईमेल को आईटी विभाग को रिपोर्ट करना
- 7. The unwanted bulk e-mails that come from strange sources are called / Unwanted bulk e-mails जो अज्ञात स्रोतों से आते हैं, कहलाते हैं: [APSC Research Assistant (Economics Affairs) 2024]

- (a) Spam
- (b) Trash
- (c) Junk
- (d) Virus
- 8. Consider the following statements and identify the incorrect statement(s) using the codes given below: / निम्नलिखित कथनों पर विचार करें और नीचे दिए गए कोड का उपयोग करके गलत कथन/कथनों की पहचान करें: [APSC

# Research Assistant (Economics Affairs) 2024]

- (A) It is a fast and convenient way to communicate with one another via the Internet / यह इंटरनेट के माध्यम से एक-दूसरे के साथ संवाद करने का एक तेज़ और सुविधाजनक तरीका है।
- (B) When an e-mail is received, one can forward it to others without retyping it / जब कोई ई-मेल प्राप्त होता है, तो उसे दोबारा टाइप किए बिना दूसरों को फॉरवर्ड किया जा सकता है।
- (C) An e-mail cannot be sent to multiple recipients simultaneously / एक ई-मेल एक साथ कई प्राप्तकर्ताओं को नहीं भेजा जा सकता है।
- (D) A file sent along with an email message is called an attachment / ई-मेल संदेश के साथ भेजी गई फ़ाइल को अटैचमेंट कहा जाता है।

#### Code

- (a) (A) and (B) only
- (b) (B) and (D) only
- (c) (C) only



# Hardware & Software, Operating Systems

## Software

- Which one of the following is an example of 'system software'? / निम्नलिखित में से कौन सा 'सिस्टम सॉफ्टवेयर' का एक उदाहरण है? [MPPSC Asst. Dir. Veterinary-Asst. Surgeon
  - (a) Google Docs
  - (b) Word Processing Software

Veterinary Extension Officer 2024]

- (c) Computer Aided Design (CAD) Software
- (d) Linux
- 2. Which one of the following is an example of Database Software? / निम्नलिखित में से कौन सा एक डेटाबेस सॉफ्टवेयर का उदाहरण है? [MPPSC Assistant Director (Horticulture) 2023]
  - (a) MS Access
  - (b) MS Word
  - (c) MS Excel
  - (d) MS PowerPoint
- 3. Free and open-source software is / मुफ्त और ओपन सोर्स सॉफ्टवेयर है [MPPSC
  - Assistant Director (Social Work) 2021; MPPSC Dental Surgeon 2019]
  - (a) Python
  - (b) Libre office
  - (c) Open office
  - (d) All of these
- 4. Which of the following is not an anti-spam software? / निम्नलिखित में से कौन एंटी-स्पैम सॉफ्टवेयर नहीं है? [MPPSC Mining Officer 2023]
  - (a) Bogofilter
  - (b) DSPAM
  - (c) Mlkpam
  - (d) SpamAssassin

- 5. Verification is : / वेरीफिकेशन है : [MPPSC State Eligibility Test (Computer Science) 2024]
  - (a) Are we building a right product? / क्या हम सही प्रोडक्ट बना रहे हैं ?
  - (b) Are we building the product right? / क्या हम प्रोडक्ट सही बना रहे हैं ?
  - (c) Are we following a standard process? / क्या हम मानक प्रक्रिया का पालन कर रहे हैं?
  - (d) Are we using standard tools ?
    / क्या हम मानक उपकरणों का उपयोग
    कर रहे हैं ?
- 6. What is the use of the Fence Register? / Fence Register का उपयोग किसके लिए किया जाता है? [CGPSC Assistant Professor IT 2019]
  - (a) File Protection
  - (b) Memory Protection
  - (c) CPU Protection
  - (d) None of the above
- 7. What is the use of Dirty bit for a page in a page table? / पेज टेबल में किसी पेज के लिए डर्टी बिट (Dirty Bit) का उपयोग क्या है? [CGPSC Assistant Professor IT 2019]
  - (a) It helps maintain LRU information / यह LRU (Least Recently Used) सूचना बनाए रखने में मदद करता है
  - (b) Avoids unnecessary writes on a paging device / पेजिंग डिवाइस पर अनावश्यक लिखने (Writes) से बचाता है
  - (c) Allows Read Only on a page / किसी पेज पर केवल Read Only की अनुमति देता है

- (d) None of the above / उपरोक्त में से कोई नहीं
- 8. Which of the following is a Synchronization Tool? / निम्नलिखित में से कौन-सा एक Synchronization Tool है? [CGPSC Assistant Professor IT 2019]
  - (a) Semaphore
  - (b) Thread
  - (c) Pipe
  - (d) Socket
- 9. System Software that controls and monitors functioning of a specific device on computer is called / वह सिस्टम सॉफ़्टवेयर जो कंप्यूटर पर किसी विशेष डिवाइस के कार्य को नियंत्रित और मॉनिटर करता है, कहलाता है : [CGPSC Assistant Professor IT 2019]
  - (a) System Drivers
  - (b) Device Drivers
  - (c) Linker
  - (d) Loader
- 10. Which among the following is categorized under utility software? / निम्नलिखित में से कौन-सा यूटिलिटी सॉफ्टवेयर (Utility Software) की श्रेणी में आता है? [CGPSC Assistant Professor IT 2019]
  - (a) Word processing
  - (b) Compiler
  - (c) Operating System
  - (d) Antivirus software
- 11. The data structure named as Process Control Block (PCB) is a Process Descriptor that contains the following basic information about a process, EXCEPT / प्रॉसेस कंट्रोल बलॉक (पी.सी.बी.) के नाम वाला डेटा स्ट्रक्चर प्रॉसेस डिस्क्रिप्टर है जो निम्नलिखित



# E-Governance, E-Commerce

### E-Governance

 The objective of "e-Daksh", egovernance project of Madhya Pradesh is / मध्य प्रदेश के ई-गवर्नेस की "ई-दक्ष" परियोजना का उद्देश्य है [MPPSC

#### Veterinary Assistant Surgeon 2021

- (a) To integrate treasury and accounts / राजकोष एवं खाते को एकीकृत करने हेत्
- (b) To empower farmers with latest information / नवीनतम जानकारी से किसानों को सशक्त बनाना
- (c) To sensitize Madhya Pradesh Government officials in the implementation of e-Governance and IT Projects / ई-गवर्नेस और आई.टी. परियोजनाओं के क्रियान्वयन में मध्य प्रदेश सरकार के अधिकारियों को संवेदनशील बनाना
- (d) To standardize the procurement process / खरीद प्रक्रिया को मानकीकृत करने के लिए
- 2. Which of the following layer is not a part of e-governance architecture of the National e-Governance Plan (NeGP)? / निम्नलिखित में से कौन-सी परत राष्ट्रीय ई-गवर्नेस योजना (NeGP) के ई-गवर्नेस आर्किटेक्चर का हिस्सा नहीं है ? [MPPSC Veterinary Assistant Surgeon 2021]
  - (a) Security layer / सुरक्षा परत
  - (b) Organization layer / संगठन परत
  - (c) User layer / उपयोगकर्ता परत
  - (d) Technology layer / तकनीकी परत
- 3. What is the name of web-based portal launched by Ministry of Panchayati Raj to strengthen E-Governance in Panchayati Raj

Institutions across the country ? / पंचायती राज मंत्रालय द्वारा देश भर में पंचायती राज संस्थानों में ई-गवर्नेंस को सशक्त करने के लिए प्रारम्भ किए गये वेब-आधारित पोर्टल का नाम क्या है ? [MPPSC Forest (Mains) 2019 (Paper - 2)]

- (a) E-Panchayat
- (b) E-Gramswaraj
- (c) Panchayat Online
- (d) None of the above
- 4. The National Skill Development Corporation, a Not-for-profit Public Limited Company has joined hands with which company to enhance the digital skills of the country's youth? / राष्ट्रीय कौशल विकास निगम, एक गैर-लाभकारी सार्वजनिक लिमिटेड कंपनी ने देश के युवाओं में डिजिटल कौशल को बढ़ाने के लिए किस कंपनी के साथ हाथ मिलाया है? [MPPSC Forest (Mains)

# 2019 (Paper - 2)]

- (a) Paytm
- (b) Facebook
- (c) Google
- (d) Microsoft
- 5. FSSAI to develop app to prevent food wastage in partnership with which company? / FSSAI किस कंपनी के साथ साझेदारी करके भोजन की बर्बादी को रोकने के लिए ऐप विकसित कर रहा है?
  [MPPSC Forest (Mains) 2019 (Paper 2)]
  - (a) Google
  - (b) Nasscom Foundation
  - (c) Infosys
  - (d) TCS
- 6. Which of the following points of difference between e-commerce and e-governance is not correct? /

ई-कॉमर्स और ई-गवर्नेस के बीच निम्नलिखित में से कौन सा अंतर सही नहीं है? [MPPSC Assistant Director (Horticulture) 2023]

- (a) Element of comparison —
  Legislation; E-Commerce —
  Freedom; E-Governance —
  Laws and regulation
  restrictions and complexity /
  तुलना का तत्त्व विधान; ई-कॉमर्स —
  स्वतन्त्रता; ई-गवर्नेस कानून और
  विनियमन प्रतिबंध और जटिलता
- (b) Element of comparison —
  Target Group; E-Commerce —
  Customers, Potential
  customers; E-Governance —
  Any citizen / तुलना का तत्त्व लक्ष्य
  समूह; ई-कॉमर्स ग्राहक, भावी ग्राहक;
  ई-गवर्नेस कोई भी नागरिक
- (c) Element of comparison —
  Decision making Authority; ECommerce Dispersion of
  authority; E-Governance —
  Centralised / तुलना का तत्त्व —
  निर्णयदाता अधिकारी; ई-कॉमर्स —
  अधिकार का बिखराव; ई-गवर्नेस —
  केन्द्रीकृत
- (d) Element of comparison Services; E-Commerce — Primarily transactional; E-Governance — Primarily informational / तुलना का तत्त्व — सेवाएँ; ई-कॉमर्स — मुख्यतः लेन-देन संबंधी; ई-गवर्नेस — मुख्यतः सूचनात्मक
- 7. Which of the following organizations provides consulting and implementation support to both central and state Government in the area of e-Governance ? /



# Robotics, Automation, Digital Twins, Cloud Computing

# Robotics / Automation / Digital Twins

- Robotics require applications of / रोबोटिक्स में आवश्यकता होती है [MPPSC Assistant Registrar 2022]
  - (a) mechanical engineering / यांत्रिक अभियांत्रिकी अनुप्रयोगों की
  - (b) electronics / इलेक्ट्रॉनिक्स अनुप्रयोगों की
  - (c) computer science / संगणक विज्ञान अनुप्रयोगों की
  - (d) All of the above / उपर्युक्त सभी
- What is the acronym of SCARA? / SCARA परिवर्णी शब्द का क्या अर्थ है ?

#### [MPPSC Computer Programmer 2021]

- (a) Selective Compliance
  Articulation Robot Arm
- (b) Selective Compliance Assembly Robot Arm
- (c) Special Compliance Assembly Robot Arm
- (d) Special Compliance Articulation Robot Arm
- Name of the robotic equipment developed by DRDO to identify explosives is / विस्फोटकों की पहचान के लिए डी.आर.डी.ओ. (DRDO) द्वारा विकसित रोबोटिक यंत्र का नाम है [MPPSC DSP Radio 2021]
  - (a) Rustom
  - (b) Netra
  - (c) Nishant
  - (d) Daksh
- 4. Is a three-dimensional computergenerated situation that simulates the real world and users explore the environment by getting immersed in it while interacting with objects. / एक

त्रि-आयामी कम्प्यूटर जनित स्थिति है जो वास्तविक दुनिया का अनुसरण करती है और उपयोगकर्ता वस्तुओं के साथ बातचीत करते हुए इसमें डूबकर पर्यावरण का पता लगाते हैं [MPPSC Society Management Assistant Registrar 2023]

- (a) Virtual Reality
- (b) Cyber Security
- (c) Artificial Intelligence
- (d) Augmented Reality
- 5. Which company begins drone deliveries in India ? / किस कम्पनी ने भारत में ड्रोन से डिलिवरी प्रारंभ की ? [MPPSC Mining Inspector (Geology) 2023]
  - (a) Fed Ex
  - (b) Blue Dart
  - (c) Delhivery
  - (d) DTDC

### नोट - MPPSC ने इस प्रश्न को Delete कर दिया है

- 6. Number of moveable joints in robot is called / रोबोट के चल जोड़ों की संख्या को कहते हैं [MPPSC State Engineering Service Exam 2020]
  - (a) Degree of independence / डिग्री ऑफ इन्डिपेंडेंस
  - (b) Degree of joints / डिग्री ऑफ जाइन्टस
  - (c) Degree of freedom / डिग्री ऑफ फ्रीडम
  - (d) Degree of movement / डिग्री ऑफ मूवमेन्ट
- 7. The space in which a robot operates is called / रोबोट संचालन के लिये स्थापित क्षेत्र(स्पेस) का नाम [MPPSC State
  - Engineering Service Exam 2020]
  - (a) Environment(b) Spatial space

- (c) Work space
- (d) Work envelope

# Cloud Computing

- 8. In which of the following type of cloud, the service level arrangements (SLAs) which are defined as agreements between the user and the service provider are weakest? / निम्नलिखित में से किस प्रकार के क्लाउड में, सेवा स्तर समझौते (एस एल ए) जिन्हें उपयोगकर्ता और सेवा प्रदाता के बीच समझौते के रूप में परिभाषित किया जाता है, सबसे कमजोर होते हैं- [MPPSC Asst. Dir. Veterinary-Asst. Surgeon Veterinary Extension Officer 2024; MPPSC Assistant Director (Horticulture) 2023]
  - (a) Public cloud
  - (b) Private cloud
  - (c) Community cloud
  - (d) Hybrid cloud
- 9. Name of the initiative by the Indian Government to fulfil the government needs of cloud computing is / भारत सरकार द्वारा क्लाउड कम्प्यूटिंग की सरकारी आवश्यकताओं को पूर्ण करने के लिए किए जा रहे प्रयास का नाम है [MPPSC Assistant District Prosecution Officer 2021]
  - (a) MeghRaj
  - (b) Erawat
  - (c) Badal
  - (d) Meghdoot
- 10. Which of the following cloud services is an example of laaS ? / निम्नलिखित में से कौनसा laaS क्लाउड सेवा का उदाहरण है ? [MPPSC State Eligibility Test (Computer Science) 2024]
  - (a) Google Drive,
  - (b) Salesforce
  - (c) Amazon S3

# Answer Key

# Answer Key Chapter 1

1. b	2. d	3. c	4. b	5. d	6. b	7. a	8. a	9. c	10. c	11. a	12. b
13. c	14. d	15. c	16. a	17. c	18. a	19. a	20. b	21. c	22. b	23. b	24. b
25. a	26. c	27. c	28. c	29. b	30. b	31. b	32. b	33. b	34. a	35. d	36. b
37. d	38. d	39. a	40. b	41. c	42. c	43. a	44. a	45. b	46. c	47. a	48. b
49. d	50. d	51. a	52. a	53. b	54. a	55. c	56. a	57. d	58. b	59. d	60. a
61. b	62. d	63. d	64. a	65. b	66. c	67. c	68. a	69. a	70. a	71. a	72. b
73. b	74. d	75. b	76. d	77. d	78. b	79. b	80. c	81. c	82. a	83. e	84. c
85. b	86. a	87. a	88. d	89. c	90. c	91. b	92. b	93. d	94. c	95. b	96. b
97. b	98. c	99. a	100. d	101. b	102. a	103. a	104. d	105. a	106. d	107. b	108. d
109. c	110. a	111. a	112. a	113. a	114. c	115. b	116. c	117. a	118. d	119. d	120. b
121. c	122. d	123. b	124. a	125. c	126. b	127. c	128. a	129. a	130. с	131. d	132. a
133. с	134. a	135. с	136. b	137. a	138. b	139. d	140. a	141. b	142. c	143. a	144. b
145. c	146. c	147. c	148. c	149. b	150. b	151. b	152. d	153. b	154. d	155. b	156. b
157. с	158. b	159. d	160. d	161. b	162. b	163. d	164. c	165. c	166. a	167. a	168. c
169. b	170. с	171. e	172. a	173. d	174. d	175. d	176. a	177. d	178. d	179. d	180. c
181. b	182. c	183. d	184. c	185. a							

# Answer Key Chapter 2

1. d	2. c	3. a	4. a	5. c	6. d	7. b	8. d	9. b	10. a	11. c	12. d
13. b	14. d	15. c	16. a	17. c	18. d	19. b	20. a	21. c	22. a	23. b	24. c
25. d	26. c	27. a	28. b	29. b	30. b	31. c	32. a	33. b	34. a	35. c	36. d
37. b	38. b	39. d	40. d	41. b	42. a	43. c	44. c	45. d	46. d	47. b	48. c
49. a	50. c	51. a	52. b	53. c	54. d	55. b	56. b	57. d	58. c	59. b	60. d
61. b	62. c	63. a	64. b	65. d	66. a	67. a	68. c	69. b	70. b	71. b	72. d
73. a	74. a	75. c	76. b	77. a	78. c	79. c	80. d	81. b	82. c	83. d	84. b
85. b	86. b	87. c	88. a	89. b	90. d	91. a	92. a	93. a	94. c	95. d	96. d
97. d	98. b	99. b	100. d	101. a	102. d	103. e	104. b	105. b	106. d	107. d	108. b
109. b	110. d	111. b	112. c	113. с	114. c	115. b	116. a	117. b	118. c	119. c	120. d
121. c	122. d	123. c	124. c	125. c	126. c	127. b	128. d	129. b	130. с	131. с	132. d
133. b	134. с	135. d	136. d	137. a	138. с	139. e	140. a	141. d	142. d	143. c	144. b
145. a	146. c	147. b	148. c	149. a	150. c	151. b	152. a	153. d	154. c	155. b	156. b
157. d	158. a	159. c	160. a	161. c	162. b	163. c	164. a	165. b	166. c	167. c	168. a
169. b	170. с	171. c	172. d	173. b	174. a	175. a	176. с	177. a	178. d	179. d	180. c
181. b	182. d	183. d	184. c	185. c	186. d	187. d	188. b	189. d	190. b	191. d	192. c
193. a	194. c	195. a	196. b	197. c	198. c	199. d	200. b	201. d	202. d	203. d	204. b
205. a	206. a	207. b	208. d	209. с	210. a	211. с	212. b	213. a	214. d	215. b	216. b
217. d	218. с	219. b	220. b	221. с	222. d	223. с	224. b	225. a	226. a	227. b	228. a
229. a	230. a	231. b	232. с	233. d	234. b	235. d	236. с	237. с	238. с	239. d	240. a

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