

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2024
(First Semester)

Branch - COMPUTER SCIENCE

METaverse – NEAR FUTURE TECHNOLOGIES

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Question No.	Question	K Level	CO
1	The future of the internet is a) Metaverse b) Malware c) Malicious d) cyber space	K1	CO1
2	The example of VR Application is a) Food Labeling b) Home decoration c) Financial assistants d) Real estate tour	K2	CO1
3	If a digital concert ticket can be programmed with unique id and stored in a) Android b) block chain c) AI Framework d) open sea	K1	CO1
4	In block chain node refers to a) Computer Network b) Cyber Network c) Centralized Network d) Decentralized Network	K2	CO1
5	The first NFT Quantum was created by a) Satoshi Nakamoto b) AnilDash and Kevin Mccoy c) Neal Stephensons d) Stylianos Mystakidis	K1	CO1
6	NFT stands for a) Non-Forensic Tokens b) Non-Flexible Tokens c) Non-Futuristic Tokens d) Non-Fungible Tokens	K2	CO1
7	Immersive gamming environments with realistic as a) Graphics b) Ball motion c) Multimedia d) AI rotate	K1	CO1
8	The virtual property tours with in Real Estate visualization for high-end experience for a) 1D b) 2D c) 3D d) Panoramic view	K2	CO1
9	The need of Generative AI is a) Creativity b) Flexible c) Scalable d) Truthful	K1	CO1
10	The Google bard is said to be better for a) Learning b) e-port c) Research d) Chat	K2	CO1

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 × 7 = 35)

Question No.	Question	K Level	CO
11.a.	Summarize the seven layers of metaverse value chain technology.	K2	CO1
	(OR)		
11.b.	Explain about working principles of Mixed Reality.		
12.a.	Construct the overview of blockchain.	K3	CO2
	(OR)		
12.b.	Apply the concept of crypto currency in MV.		
13.a.	Identify the benefits of NFTs.	K3	CO2
	(OR)		
13.b.	Build to buy and sell an NFT in opensea.		
14.a.	Analyze the role of virtual learning in Metaverse.	K4	CO3
	(OR)		
14.b.	Classify the digital identity in Metaverse.		
15.a.	Categorize the tasks and goals of ChatGPT.	K4	CO3
	(OR)		
15.b.	Examine the methods for integrating ChatGPT.		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks (3 × 10 = 30)

Question No.	Question	K Level	CO
16	Distinguish between AR and VR.	K4	CO3
17	Analyze the various NFT tokens standards.	K4	CO3
18	Evaluate twitter and NFT.	K5	CO4
19	Justify different types e-commerce in Metaverse.	K5	CO4
20	Discuss ethical uses of AI Technologies.	K6	CO5