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MCS-214

**MASTER IN COMPUTER
APPLICATIONS (MCA-NEW)**

Term-End Examination

June, 2025

**MCS-214 : PROFESSIONAL SKILLS
AND ETHICS**

Time : 2 Hours

Maximum Marks : 50

Note : *Answer all the questions.*

1. (a) Read the following passage and answer the questions below it :

Technology-driven education or EdTech, is a revolutionary shift in the field of

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education. It involves the integration of digital tools and resources to enhance the teaching and learning process. The transformation encompasses a broad spectrum of technologies, ranging from interactive whiteboards and tablets in classrooms to online courses and virtual reality simulations. The impact of EdTech is multifaceted.

One of the primary advantages of technology-driven education is its accessibility. It has obliterated geographical barriers, enabling students to access high-quality educational content from virtually anywhere in the world. Online courses,

webinars and e-learning platforms have democratized education, making it more inclusive and flexible accommodating diverse needs and schedules.

Furthermore, EdTech enhances engagement and interactivity. Teachers can utilize analytics to monitor student progress and customize their instruction to suit individual requirements, fostering tailored learning experiences. The availability of an extensive array of digital resources such as e-books, open educational resources and educational apps has expanded the depth and breadth of learning materials. This abundance of resources empowers students to delve

into diverse subjects and pursue their interests. Additionally, technology allows educators to keep their content current and up to date ensuring that students get the latest knowledge and skills.

Despite its numerous benefits, technology-driven education gives rise to concerns. The digital divide characterised by unequal access to technology remains a significant challenge. Not all students have equal access to devices and the internet which can exacerbate educational inequalities. Moreover, there are apprehensions about privacy and data security when collecting and utilizing student data.

It may be argued that technology-driven education has the potential to revolutionize the future of learning, it must be implemented thoughtfully, addressing issues of equity and privacy.

Answer the following questions :

- (i) What is technology-driven education and how is it transforming education today ? 2
- (ii) How has technology improved accessibility in education and why is it important ? 2
- (iii) What are some of the benefits of EdTech in terms of engagement and interactivity ? 2
- (iv) Suggest an appropriate title for the passage. 2

(v) Provide antonyms for 'accessibility' and 'engagement' as discussed in the passage. 2

(b) Rewrite the sentences below beginning with the words given below : 5

(i) Rain has suspended all the activities of T-20 cricket match.
Cricket match

(ii) You are requested to come on time.
Please

(iii) The furniture is being sold.
They

(iv) He is hosting a birthday party on the coming Saturday.
Party

(v) India has organized G-20 summit meeting so very successfully.
G-20 summit

2. Write short notes on any *two* of the following : 2×5=10

- (i) Social Media Etiquettes
- (ii) Group Discussion
- (iii) Ethics in Life
- (iv) Barriers to Communication

3. Fill in the blanks with a, an, the or no article : 5×1=5

- (i) She is architect.
- (ii) We visited Eiffel tower during our trip to Paris.
- (iii) We saw movie last night and it was amazing experience.
- (iv) Rakesh is only child in the family.

4. Write a letter to your friend in about **150** words about your new hobby and how is it contributing to your physical and mental health. 10
5. Write a detailed note on different types of communication and barriers affecting the process. 10

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