(a) Traditional classroom setting

(b) Use of digital technologies

(c) Limited access to learning resources

(d) Lack of student engagement

(ii) Digital education refers to the integration of technology in which area ?

(a) Healthcare

(b) Manufacturing

(c) Education

(d) Agriculture

(iii) Which of the following is an advantage of digital education ?

(a) Limited access to information

(b) Passive learning experience

(Continued)

(c) Personalized learning opportunities

(d) Lack of flexibility in learning

(iv) What does LMS stand for in the context of digital education ?

(a) Learning Made Simple

(b) Learning Management System

(c) Limited Mode of Study

(d) Live Multimedia Sessions

(v) What is the benefit of online assessments in digital education ?

(a) Limited feedback options

(b) Immediate feedback and grading

(c) Higher cost for assessment implementation

(d) Lack of security in evaluation

(Turn Over)

2022

Full Marks : 75

Time : 3 hours

Answer from **both** the Groups as directed

The figures in the right-hand margin indicate marks

Candidates are required to answer in their own words as far as practicable

GROUP – A

(*Compulsory*)

(Very short answer type questions)

1. Multiple choice questions :   1 × 5

   (*i*) Which of the following is a characteristic of digital education ?

(4)

2. Fill in the Blanks :　　　　　　　　　　　1 × 5

(i) Digital education involves the use of _____ technologies for teaching and learning.

(ii) Online *learn* _____ platforms provide interactive learning experiences for students.

(iii) ICT _____ refers to the use of internet-based tools and resources to enhance education.

(iv) Digital education allows for _____ collaboration among students and educators.

(v) _____ learning management systems help in organizing and delivering online courses.

(5)

3. Write the full form of the following :　　1 × 5

(i) What does LMS stand for in the context of digital education ?

(ii) Expand MOOC, which refers to online courses offered by universities and institutions ?

(iii) What does STEM stand for, emphasizing the integration of science, technology, engineering, and mathematics in education ?

(iv) What does ICT stand for, representing the use of technology in education ?

(v) Expand BYOD, which refers to a policy allowing students to use their personal devices for learning.

$$\left\{\begin{bmatrix} 1-\lambda & 1 & 1 \\ 1 & 1-\lambda & 1 \\ 1 & 1 & 1-\lambda \end{bmatrix}\right\} = 0 \qquad \det \left\{\begin{bmatrix} -\lambda & 1 & 0 \\ 1-\lambda & \lambda & -\lambda \\ 0 & 1 & -\lambda \end{bmatrix}\right\} = 0$$

(6)

GROUP – B

(Subjective/Descriptive questions)

Answer any four questions : 15 × 4

4. What is digital education and why is it important in today's world ?

5. How has digital education transformed traditional teaching methods ?

6. What are some common digital education tools used in classrooms ?

7. How do digital education tools enhance student engagement and participation ?

8. What are the advantages and disadvantages of digital education tools ?

(7)

9. How has digital education impacted the educational landscape in India ?

_____

(Continued)

GK—15,30...