ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF EDUCATION GOVERNANCE, THEOLOGY AND LEADERSHIP

DEPARTMENT OF CURRICULUM AND EDUCATIONAL PHILOSOPHY

EXAMINATION PAPER

MODULE CODE   : EPD115

MODULE TITLE   : TECHNOLOGY OF EDUCATION

DURATION   : 3 HOURS

LEVEL   : 1.1

DATE   :

INSTRUCTIONS TO CANDIDATES:

1. Answer all questions in Section A and any **two** questions from Section B.
2. Each question carries 25 marks.
3. Number of marks for part questions are shown in brackets.
4. Start each question on a new page.
5. This paper consists of 9 pages

SECTION A: Answer all questions

1. Which of the following is the BEST way to create a quiz assignment in Google Classroom?

   a) Through the "+" button and selecting "Quiz assignment"

   b) By sharing a Google Form directly with students

   c) Uploading a PDF document with exam questions

   d) Using a third-party online testing platform

2. What is an advantage of using Google Classroom for online exams compared to traditional paper exams?

   a) It prevents students from using external resources

   b) Grading is faster and more automated

   c) Paper copies are more secure and less prone to cheating

   d) Students cannot receive immediate feedback on their answers

3. When setting up a quiz assignment in Google Classroom, what can be used to provide students with additional information or clarification about specific questions?

   a) Adding a point value to each question

   b) Including hints or answer keys within the quiz

   c) Attaching a separate document with explanations

   d) Inserting comments directly into the question itself

4. What is the primary benefit of using "Open-Ended Feedback" after grading an online exam in Google Classroom?

   a) To award bonus points for exceptional answers

   b) To provide students with a breakdown of their strengths and weaknesses

   c) To automatically generate personalised feedback reports

   d) To discourage students from requesting clarification on their grades

5. Which of the following is a key benefit of online teaching and learning?

   a) Increased face-to-face interaction with instructors

   b) Lower overall costs for students

   c) Reduced career development opportunities

   d) Easier grading and assessment of students

6. Which teaching method is often most effective for online programmes?

   a) Lecture-based presentations

   b) Synchronous video discussions

   c) Asynchronous independent work

   d) Hands-on lab experiments

7. Which of the following is a common method for assessing learning in online programmes?

   a) Multiple-choice exams

   b) In-person project presentations

   c) Oral participation in class discussions

   d) Both a and b

8. Which of these is a key consideration when selecting online teaching and learning technologies?
   a) Ease of use for both students and instructors

   b) Integration with traditional learning management systems

   c) Ability to replicate a face-to-face classroom experience

   d) All of the above

9. Which of the following is a key role of the teacher while teaching online?
   a) Facilitating discussion forums

   b) Providing in-person tutoring sessions

   c) Developing comprehensive lecture slides

   d) Both a and c

10. What is a key consideration when designing online assessments?
   a) Ensuring assessments are solely multiple-choice format

   b) Emphasising memorisation and recall of facts

   c) Minimising opportunities for academic dishonesty

   d) Reducing the overall number of assessments

11. What is a common strategy for supporting student well-being in online programmes?
   a) Reducing opportunities for student-teacher communication

   b) Increasing the workload and time demands on students

   c) Providing resources for mental health and time management

   d) Minimising opportunities for student collaboration

12. What is a common challenge faced by teachers when conducting lessons online?

a) Difficulty maintaining work-life balance

b) Increased opportunities for student collaboration

c) Reduced workload compared to in-person teaching

d) Easier grading and assessment of student learning

13. What is a common strategy for promoting academic integrity in online assessments?

a) Relying solely on open-book and take-home exams

b) Utilising tools like browser locks and video proctoring

c) Reducing the overall weight and number of assessments

d) Both b and c

14. What is the primary goal of blended teaching and learning?

a) To replace in-person instruction with online learning

b) To supplement in-person instruction with online elements

c) To create a fully online learning environment

d) To reduce overall instructional costs

15. In a blended teaching and learning environment, how are online and in-person activities typically structured?

a) Online and in-person activities are kept completely separate

b) Online activities replace some in-person class sessions

c) Online activities supplement and support in-person class sessions

d) Online activities are used for assessments only

16. Which of the following student populations tend to benefit most from blended teaching and learning?

a) High-achieving, self-motivated students

b) Struggling students who need additional support

c) Students in remote or under-resourced areas

d) All student populations can benefit equally

17. What is the primary purpose of Google Classroom?

a) To create and manage online programmes

b) To facilitate administrative tasks for teachers

c) To enable video conferencing for classes

d) All of the above

18. How can teachers effectively integrate technology into their work?

a) By using it as a replacement for all traditional teaching methods

b) By providing students with regular technology breaks

c) By blending technology-driven and non-digital learning activities

d) By requiring students to use technology for all assignments and assessments

19. What type of content can teachers easily share with students in Google Classroom?

a) Documents and presentations

b) Videos and audio recordings

c) Images and PDFs

d) All of the above

20. What is the primary function of the "People" tab in Google Classroom?

    a) To manage student enrollment and permissions

    b) To facilitate class discussion and collaboration

    c) To view and organise student assignments

    d) To access Google Meet video conferencing

21. Learning Management Systems (LMS) integration with external tools like plagiarism checkers and online proctoring services can:

    a) Increase the cost of using the LMS

    b) Enhance the functionality and security of online assessments

    c) Reduce the need for teacher interaction with students

    d) Make the LMS more difficult to navigate

22. Teachers can leverage Google Forms within Google Classroom to:

    a) Create and share online quizzes and surveys

    b) Collect student responses and analyse data

    c) Provide personalised feedback based on responses

    d) All of the above

23. Google Classroom is most effective when used in conjunction with:

    a) Traditional classroom instruction methods

    b) Independent online learning platforms

    c) Standalone educational games

    d) Only technology-based learning activities

24. Which of the following is a key consideration when designing online programme content?

a) Aligning with learning objectives

b) Ensuring accessibility for diverse learners

c) Incorporating multimedia elements

d) All of the above

25. How does the use of gamification in online learning environments impact on student engagement?

a) Decreases student motivation

b) Has no significant impact

c) Increases student motivation and participation

d) Depends on the specific game-based elements used

SECTION B: Answer any TWO questions

1. Prepare a staff development paper on the utilisation of the Google Classroom platform to promote student engagement and interaction in online lessons. (25)

2. (a) Discuss how the following enhance the online teaching and learning experience:

i. Clear communication (5)

ii. Timely feedback (5)

iii. Accessibility (5)

(b) Examine the impact of any **two** emerging technological trends on secondary education. (10)

3. Evaluate the contention that digital technology has replaced teachers. (25)
4. Discuss strategies for mitigating the challenges posed by the integration of Artificial Intelligence (AI) technologies in secondary school settings.

THE END

6/0 (pm)