

**POST GRADUATE DIPLOMA IN BIOETHICS**

**Term-End Examination**

**June, 2015**

**MHS-015 : EDUCATIONAL TECHNOLOGY AND  
COMMUNICATION**

00464

*Time : 2 hours*

*Maximum Marks : 70*

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**PART A**

*Attempt **all** questions. Each question carries **one** mark. Select the most appropriate choice from the given choices for each of the following questions.* *50×1=50*

1. Effective communication depends on
  - (1) The acuity of hearing of the receiver
  - (2) The language command of the sender
  - (3) Whether the information is effectively transferred to action
  - (4) Whether the knowledge has been imparted
  
2. An abstract of a research paper should have
  - (1) 5 – 10 sentences only
  - (2) About 100 – 150 words
  - (3) Approximately 250 – 300 words
  - (4) A paragraph of 500 words
  
3. Which of the following is an unobtrusive form of assessment ?
  - (1) Online assignments
  - (2) Written examination
  - (3) Viva-voce
  - (4) Practical examination

4. Microteaching is most helpful in
- (1) Teacher evaluation
  - (2) Learner evaluation
  - (3) Course evaluation
  - (4) Checking the learning outcome
5. Which of the following types of learners will be good researchers ?
- (1) Active learners
  - (2) Reflective learners
  - (3) Theorists
  - (4) Pragmatists
6. Which of the following is a one-to-one TL method ?
- (1) Lecture
  - (2) Small group discussion
  - (3) Counselling
  - (4) Seminar
7. Before making an oral presentation the presenter *cannot* check out the
- (1) Audience
  - (2) Audiovisual aids
  - (3) Time allotted
  - (4) Venue
8. The commonly used non-projected aid is
- (1) Charts
  - (2) Flash cards
  - (3) Chalk board
  - (4) Hand-outs

9. The type of objective to be framed first is
- (1) General
  - (2) Intermediate
  - (3) Course
  - (4) Specific
10. The competence of a learner is tested by the ability to
- (1) Design, plan and execute a task
  - (2) Plan, write and evaluate a report
  - (3) Write, discuss and submit a plan
  - (4) Design, plan and solve a problem
11. Which of the following is *not* included in the curriculum ?
- (1) Selection criteria
  - (2) Training period
  - (3) Faculty strength
  - (4) Evaluation methods
12. Bloom's taxonomy defines
- (1) Hierarchical levels of cognitive domain
  - (2) How objectives are to be framed
  - (3) The action verbs in different domains
  - (4) Assessment tools based on objectives
13. The best Teaching-Learning method to introduce a new topic to a large group of learners is
- (1) Lecture
  - (2) Hand-outs
  - (3) Seminar
  - (4) Panel discussion
14. Experiential learning involves all of the following *except*
- (1) On the job training
  - (2) Study tour
  - (3) Open book assignments
  - (4) Simulations

- 15.** The usual font size for text in Powerpoint presentation is
- (1) 40 – 48
  - (2) 30 – 36
  - (3) 24 – 28
  - (4) 12 – 18
- 16.** Interviews are used for all *except*
- (1) Active learning
  - (2) Providing support
  - (3) Conveying information
  - (4) Uncover truth
- 17.** Hands-on experience is provided in
- (1) Workshops
  - (2) Panel forums
  - (3) Conferences
  - (4) Group discussions
- 18.** An educational objective defines
- (1) Learner's competence
  - (2) Teacher's competence
  - (3) Level of knowledge
  - (4) Purpose of the course
- 19.** TASCAR refers to
- (1) The study design of a research work
  - (2) Methods and materials used in a study
  - (3) Conventional structural elements of a research paper
  - (4) Statistical methods used

- 20.** The refining tool for a teacher is
- (1) Extensive reading
  - (2) Attending CME programme
  - (3) Microteaching sessions
  - (4) Preparing question paper
- 21.** Paper and pencil approach to assessment refers to
- (1) Objective structured practical evaluation
  - (2) Online assessment
  - (3) Written examination
  - (4) Open book assignment
- 22.** Which of the following objective type questions test the highest level of cognition ?
- (1) Single best response
  - (2) True/False type
  - (3) Matching type
  - (4) Assertion/Reason type
- 23.** The evaluation process which can be reviewed with the same measuring instrument is
- (1) Written examination
  - (2) Practical
  - (3) Viva-voce
  - (4) Clinical examination
- 24.** The action verb which pertains to both cognitive and affective domain is
- (1) Select
  - (2) Identify
  - (3) Explain
  - (4) Enumerate

- 25.** The type of interview which involves maximum interaction is
- (1) Fact finding
  - (2) Diagnostic
  - (3) Therapeutic
  - (4) Research
- 26.** Who among the following communicates best with gestures ?
- (1) Magician
  - (2) Teacher
  - (3) Musician
  - (4) Ventriloquist
- 27.** Single response multiple choice questions mainly test
- (1) Recall of knowledge
  - (2) Reasoning ability
  - (3) Ability to judge
  - (4) Affective domain
- 28.** Learning outcome is ascertained by
- (1) Planning the curriculum
  - (2) Refining teaching skills
  - (3) Objective evaluation process
  - (4) Reviewing the TL methods
- 29.** The process which is *not* a component of education spiral is
- (1) Reparation of text-books
  - (2) Formulation of objectives
  - (3) Providing the learning
  - (4) Deciding the evaluation scheme

- 30.** Which of the following is *not* a characteristic of an evaluation tool ?
- (1) Validity
  - (2) Relevance
  - (3) Impartiality
  - (4) Feasibility
- 31.** The learning outcome following a lecture can be objectively assessed by
- (1) Attitude of the learners
  - (2) Asking questions to the general class
  - (3) Making students answer a few MCQs
  - (4) Students' feed-back
- 32.** A teacher can evaluate cognitive and affective domain in individual learners by
- (1) Project presentation
  - (2) Preparation of assignments
  - (3) Oral examination
  - (4) All of the above
- 33.** The lesson plan of a lecture is based on
- (1) Course objectives
  - (2) Departmental objectives
  - (3) Specific instructional objectives
  - (4) Text-book description of the topic
- 34.** A teacher refines teaching skills by
- (1) Practicing before classes
  - (2) Preparing excellent AV presentations
  - (3) Cyclical microteaching sessions
  - (4) Attending CME programmes
- 35.** The action verb which is used to indicate affective domain is
- (1) Decide
  - (2) Identify
  - (3) Respond
  - (4) Select

- 36.** The non-verbal clue which helps a teacher in controlling a class is
- (1) Facial expression
  - (2) Walking around
  - (3) Changing the tone of the voice
  - (4) Posture
- 37.** Which of the following is *not* a component of IMRAD format ?
- (1) Introduction
  - (2) Methods
  - (3) Author
  - (4) Discussion
- 38.** Informed consent in clinical research is to be
- (1) Provided by the principal investigator
  - (2) Issued by the funding authority
  - (3) Obtained from the participants in the study
  - (4) Prepared by the laboratory where work is done
- 39.** Adult learning is referred to as
- (1) Andrology
  - (2) Montessori programme
  - (3) Pedagogy
  - (4) Open School Learning
- 40.** A form of verbal communication is
- (1) Facial expressions
  - (2) Modulation of voice
  - (3) Written word
  - (4) Hand signs



- 41.** The AV aid suitable for a group of 200 learners is
- (1) Chalk Board
  - (2) Over-Head Projector
  - (3) LCD Projector
  - (4) White Board
- 42.** Active listening is indicated by all *except*
- (1) Writing notes
  - (2) Asking questions
  - (3) No eye contact
  - (4) Giving opinion
- 43.** Animations are most helpful in illustrating
- (1) Algorithms
  - (2) Tables
  - (3) Bar charts
  - (4) Cross sections
- 44.** The type of curriculum best suited for military academies is
- (1) Knowledge based
  - (2) Discipline based
  - (3) Competency based
  - (4) Need based
- 45.** The action verb which pertains to cognitive domain only is
- (1) List
  - (2) Calculate
  - (3) Palpate
  - (4) Explain

- 46.** An undergraduate learner's approach to acquiring factual knowledge is
- (1) Surface approach
  - (2) Deep approach
  - (3) Strategic approach
  - (4) Critical approach
- 47.** A lecture can be made interactive by
- (1) Asking questions
  - (2) Quoting poems
  - (3) Talking continuously
  - (4) Telling stories
- 48.** Formative Evaluation is useful for all *except*
- (1) Educational need analysis
  - (2) Feedback to teacher
  - (3) Monitoring learner's progress
  - (4) Reemphasizing difficult concepts
- 49.** In an educational system, the teacher has no role in deciding the
- (1) Input
  - (2) Output
  - (3) Process
  - (4) Outcome
- 50.** Question Paper setting is
- (1) An Art
  - (2) Tedious and boring
  - (3) Testing teacher's knowledge
  - (4) A punishment

## **PART B**

*Write short notes on each of the following in 200 – 300 words. Each question carries **five** marks.* **4×5=20**

- 51.** Steps for writing a research paper
  - 52.** Merits and demerits of objective questions
  - 53.** Bloom's Taxonomy
  - 54.** Types and qualities of educational objectives
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