

POST GRADUATE DIPLOMA IN BIOETHICS

Term-End Examination

00334

December, 2014

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

Time : 2 hours

Maximum Marks : 70

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. Learning outcome is ascertained by
 - (1) Planning the curriculum
 - (2) Refining teaching skills
 - (3) Objective evaluation process
 - (4) Reviewing the TL methods

2. The process which is not a component of educational spiral is
 - (1) Reparation of textbooks
 - (2) Formulation of objectives
 - (3) Providing the learning
 - (4) Deciding the evaluation scheme

3. Which of the following is not a characteristic of an evaluation tool ?
 - (1) Validity
 - (2) Relevance
 - (3) Impartiality
 - (4) Feasibility

4. A question paper is evaluated by
- (1) Learners
 - (2) Peers
 - (3) Teachers
 - (4) All three groups
5. The education needs of groups of learners in different states can be easily assessed by
- (1) Selection test
 - (2) Online pretest
 - (3) Questionnaire
 - (4) Self test
6. 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 MCQ's
 - (4) students' feed-back
7. The action verb which pertains to psychomotor and affective domains is
- (1) identify correctly
 - (2) palpate without pain
 - (3) write detailed case record
 - (4) select the appropriate drug
8. Educational objectives prescribe
- (1) teachers' qualification
 - (2) evaluation methods
 - (3) faculty strength
 - (4) learner's expected performance

9. The question which tests cognitive and psychomotor domain is
- (1) single response MCQ
 - (2) draw and label
 - (3) multiple true false
 - (4) paired statement with relation
10. Nonverbal cues in communication include all *except*
- (1) posture
 - (2) gesture
 - (3) expression
 - (4) mannerisms
11. Communication is hindered by all *except*
- (1) background noise
 - (2) language barrier
 - (3) different cultural background
 - (4) racial difference
12. The title in a PowerPoint presentation should have a font size of
- (1) 40 – 45
 - (2) 30 – 35
 - (3) 20 – 25
 - (4) 10 – 15
13. Teacher can evaluate cognitive and affective domain in individual learners by
- (1) project presentation
 - (2) preparation of assignments
 - (3) oral examination
 - (4) simulations
14. Which of the components of an MCQ is unequivocally correct ?
- (1) stem
 - (2) answer key
 - (3) distracters
 - (4) difficulty level

- 15.** Effectiveness of a training programme can be objectively assessed by
- (1) participants' feedback
 - (2) results of pre-test and post-test
 - (3) teachers' satisfaction
 - (4) availability of AV aids
- 16.** 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
- 17.** Writing skills are evaluated by all *except*
- (1) dissertation
 - (2) project report
 - (3) assignments
 - (4) lecture notes
- 18.** A teacher refines teaching skills by
- (1) practising before classes
 - (2) preparing excellent AV presentations
 - (3) cyclical microteaching sessions
 - (4) attending CME programmes
- 19.** The action verb which is used to indicate affective domain is
- (1) decide
 - (2) identify
 - (3) respond
 - (4) select

- 20.** Conventional lecture classes are useful in
- (1) getting acquainted with learners
 - (2) imparting information within a short time
 - (3) improving performance of slow learners
 - (4) improving the teacher's morale
- 21.** The nonverbal 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
- 22.** Which of the following is not a component of IMRAD format ?
- (1) introduction
 - (2) methods
 - (3) author
 - (4) discussion
- 23.** 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
- 24.** Adult learning is referred to as
- (1) andrology
 - (2) montessori programme
 - (3) pedagogy
 - (4) open school learning

- 25.** Which of the following is a TL method unsuitable for large groups ?
- (1) lecture
 - (2) broadcasting
 - (3) telecasting
 - (4) interview
- 26.** A form of verbal communication is
- (1) facial expression
 - (2) modulation of voice
 - (3) written word
 - (4) hand signs
- 27.** The AV aid suitable for a group of 200 learners is
- (1) chalk board
 - (2) over-head projector
 - (3) LCD projector
 - (4) white board
- 28.** Kolb's learning style is based on all *except*
- (1) active experimentation
 - (2) concrete experience
 - (3) reflective observation
 - (4) dependence on teachers
- 29.** The skill required to conduct an interview with an expected good outcome is
- (1) content skill
 - (2) process skill
 - (3) perceptual skill
 - (4) personal skill

- 30.** Active listening is indicated by all *except*
- (1) writing notes
 - (2) asking questions
 - (3) no eye contact
 - (4) giving opinion
- 31.** Which of the following is not a measuring tool in assessment ?
- (1) check lists
 - (2) blue print
 - (3) rating scales
 - (4) question paper
- 32.** Animations are most helpful in illustrating
- (1) algorithms
 - (2) tables
 - (3) bar charts
 - (4) cross sections
- 33.** The type of curriculum best suited for military academies is
- (1) knowledge based
 - (2) discipline based
 - (3) competency based
 - (4) need based
- 34.** Which of the following is not a characteristic of an assessment instrument ?
- (1) reliability
 - (2) validity
 - (3) relevance
 - (4) repeatability
- 35.** The type of objective type of questions which calls for a higher level of cognition is
- (1) single best response MCQ
 - (2) true/false statements
 - (3) fill in the blanks
 - (4) paired statements and relationship

- 36.** The action verb which pertains to cognitive domain only is
- (1) list
 - (2) calculate
 - (3) palpate
 - (4) explain
- 37.** An undergraduate learner's approach to acquiring factual knowledge is
- (1) surface approach
 - (2) deep approach
 - (3) strategic approach
 - (4) critical approach
- 38.** Educational objectives are
- (1) teacher oriented
 - (2) course oriented
 - (3) learner oriented
 - (4) discipline oriented
- 39.** The quality in a learner which is essential to pass the written examination is
- (1) critical thinking
 - (2) foundational knowledge
 - (3) communication skills
 - (4) sense of responsibility
- 40.** The steps before conducting a clinical study include all *except*
- (1) formulating the objectives
 - (2) preparing the plan of study
 - (3) getting IEC clearance
 - (4) publishing the research paper

- 41.** A lecture can be made interactive by
- (1) asking questions
 - (2) quoting poems
 - (3) talking continuously
 - (4) telling stories
- 42.** Name the evaluation tool which can be used for a single learner only once.
- (1) question paper
 - (2) case studies
 - (3) thesis
 - (4) open book examination
- 43.** Monotony of lectures can be reduced by
- (1) extensive reading
 - (2) using only AV aids
 - (3) micro-teaching sessions
 - (4) modulation of voice
- 44.** Objectivity of essay type questions can be improved by all *except*
- (1) preparing a marking scheme
 - (2) making it structured
 - (3) double valuation
 - (4) asking simple questions
- 45.** In distance education the learning programme is
- (1) rigid
 - (2) stringent
 - (3) flexible
 - (4) abstract

46. A teacher should be all *except*
- (1) mentor
 - (2) counsellor
 - (3) facilitator
 - (4) dictator
47. The skill sharpened by publishing a research paper is
- (1) active listening
 - (2) writing skills
 - (3) lecturing skills
 - (4) reading skills
48. A question paper is prepared based on
- (1) guidelines
 - (2) lecture notes
 - (3) textbooks
 - (4) blueprint
49. Formative evaluation is useful for all *except*
- (1) educational need analysis
 - (2) feedback to teacher
 - (3) monitoring learner's progress
 - (4) reemphasizing difficult concepts
50. In an educational system, the teacher has no role in deciding the
- (1) input
 - (2) output
 - (3) process
 - (4) outcome

PART B

*Write short notes (in 200 – 300 words) on each of the following questions.
Each question carries five (5) marks.*

4×5=20

- 51. Da Vincian Principles of Learning**
- 52. Merits and Demerits of an Essay question**
- 53. Domains and Levels of Educational Objectives**
- 54. Precautions to be taken while using the project teaching aids**