

POST GRADUATE DIPLOMA IN BIOETHICS (PGDBE)

Term-End Examination

December, 2016

00173

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

Time : 2 hours

Maximum Marks : 70

PART A

*Attempt **all** questions. Each question carries **one (1)** mark. Select the most appropriate choice from the given choices for each of the following questions. Write your answers on the Answer Sheet provided to you.*

50x1=50

1. 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

2. Microteaching is most helpful in
 - (1) Teacher evaluation
 - (2) Learner evaluation
 - (3) Course evaluation
 - (4) Checking the learning outcome

3. Before making an oral presentation the presenter **cannot** check out the
 - (1) Audience
 - (2) Audiovisual aids
 - (3) Time allotted
 - (4) Venue

4. Which of the following is **not** included in the curriculum ?
- (1) Selection criteria
 - (2) Training period
 - (3) Faculty strength
 - (4) Evaluation method
5. Experiential learning involves all of the following **except**
- (1) On-the-job training
 - (2) Study tour
 - (3) Open book assignments
 - (4) Simulations
6. Hands-on experience is provided in
- (1) Workshops
 - (2) Panel Forum
 - (3) Conferences
 - (4) Group Discussion
7. 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
8. Which of the following objective type questions tests the highest level of cognition ?
- (1) Single best response
 - (2) True/False type
 - (3) Matching type
 - (4) Assertion/Reason type

9. The type of interview which involves maximum interaction is
- (1) Fact finding
 - (2) Diagnostic
 - (3) Therapeutic
 - (4) Research
10. The process which is **not** a component of education spiral is
- (1) Reparation of textbooks
 - (2) Formulation of objectives
 - (3) Providing the learning
 - (4) Deciding the evaluation scheme
11. 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' Feedback
12. The action verb which is used to indicate affective domain is
- (1) Decide
 - (2) Identify
 - (3) Respond
 - (4) Select
13. Which of the following is **not** a component of IMRAD format ?
- (1) Introduction
 - (2) Methods
 - (3) Author
 - (4) Discussion
14. 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

- 15. The AV aid suitable for a group of 200 learners is**
- (1) Chalk Board
 - (2) Overhead Projector
 - (3) LCD Projector
 - (4) White Board
- 16. The type of curriculum best suited for military academies is**
- (1) Knowledge based
 - (2) Discipline based
 - (3) Competency based
 - (4) Need based
- 17. A lecture can be made interactive by**
- (1) Asking questions
 - (2) Quoting poems
 - (3) Talking continuously
 - (4) Telling stories
- 18. Question Paper setting is**
- (1) An art
 - (2) Tedious and boring
 - (3) Testing teacher's knowledge
 - (4) A punishment
- 19. 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

- 20. Non-verbal cues in communication include all *except***
- (1) Posture
 - (2) Gesture
 - (3) Expression
 - (4) Mannerisms
- 21. 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
- 22. Adult learning is referred to as**
- (1) Montessori programme
 - (2) Pedagogy
 - (3) Open school learning
 - (4) Andrology
- 23. Kolb's learning style is based on all *except***
- (1) Active experimentation
 - (2) Concrete experience
 - (3) Reflective observation
 - (4) Dependence on teachers
- 24. The title in a PowerPoint presentation should have a font size of**
- (1) 40 – 45
 - (2) 30 – 35
 - (3) 20 – 25
 - (4) 10 – 15

- 25.** 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
- 26.** 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
- 27.** A teacher should be all *except*
- (1) Mentor
 - (2) Counsellor
 - (3) Facilitator
 - (4) Dictator
- 28.** Periodic evaluation is referred to as
- (1) Summative evaluation
 - (2) Self evaluation
 - (3) Peer evaluation
 - (4) Formative evaluation
- 29.** "Denial" in psychological terms refers to
- (1) Lack of knowledge
 - (2) Self-protective instinct
 - (3) Inability to speak
 - (4) Mental block

- 30. Assessment involves evaluation of all *except***
- (1) Teachers
 - (2) Learners
 - (3) Course
 - (4) Feedback
- 31. The abstract of a research paper should**
- (1) Be vague to keep the reader guessing
 - (2) Impart only the basic information
 - (3) Contain only scientific terms
 - (4) Accurately reflect the content of the paper
- 32. Which of the following is the best to explain a complicated point ?**
- (1) Story
 - (2) Anecdote
 - (3) Case reports
 - (4) Personal experience
- 33. The evaluation tool which checks both affective and psychomotor skills is**
- (1) Viva voce
 - (2) Objective structured clinical evaluation
 - (3) Patient management problems
 - (4) Preparing question paper
- 34. The action verb which pertains to both cognitive and affective domains is**
- (1) Select
 - (2) Identify
 - (3) Explain
 - (4) Enumerate
- 35. Which of the following is an unobstrusive form of assessment ?**
- (1) Online assignments
 - (2) Written examination
 - (3) Viva voce
 - (4) Practical examination

- 36. Animations are most helpful in illustrating**
- (1) algorithms
 - (2) tables
 - (3) bar charts
 - (4) cross sections
- 37. Which of the following is a one-to-one TL method ?**
- (1) Lecture
 - (2) Small group discussion
 - (3) Counselling
 - (4) Seminar
- 38. The non-projected aid used widely is**
- (1) Charts
 - (2) Flash cards
 - (3) Chalk board
 - (4) Hand-outs
- 39. An undergraduate learner's approach to acquiring factual knowledge is**
- (1) surface approach
 - (2) deep approach
 - (3) strategic approach
 - (4) critical approach
- 40. The evaluation technique used to assess education needs is**
- (1) Entrance test
 - (2) Pre-test
 - (3) Self evaluation
 - (4) Peer evaluation

- 41. The type of objective to be framed first is**
- (1) General
 - (2) Intermediate
 - (3) Course
 - (4) Specific
- 42. In distance education the learning programme is**
- (1) rigid
 - (2) stringent
 - (3) flexible
 - (4) abstract
- 43. The affective domain can be objectively assessed by using**
- (1) Checklists
 - (2) Rating scales
 - (3) Short essays
 - (4) A blue print
- 44. The skill sharpened by publishing a research paper is**
- (1) active listening
 - (2) writing skills
 - (3) lecturing skills
 - (4) reading skills
- 45. An educational objective defines**
- (1) Learner's competence
 - (2) Teacher's competence
 - (3) Level of knowledge
 - (4) Purpose of the course
- 46. The refining tool for a teacher is**
- (1) Extensive reading
 - (2) Attending CME programmes
 - (3) Microteaching sessions
 - (4) Preparing question paper

47. Formative evaluation is useful for all *except*
- (1) educational need analysis
 - (2) feedback to teacher
 - (3) monitoring learner's progress
 - (4) reemphasizing difficult concepts
48. Paper and pencil approach to assessment refers to
- (1) Objective structured practical evaluation
 - (2) Online assessment
 - (3) Written examination
 - (4) Open book assignment
49. The evaluation process which can be reviewed with the same measuring instrument is
- (1) Written examination
 - (2) Practical examination
 - (3) Viva voce
 - (4) Clinical examination
50. Which of the following types of learners will be good researchers ?
- (1) Active learners
 - (2) Reflective learners
 - (3) Theorists
 - (4) Pragmatists

PART B

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

4x5=20

51. Advantages and Disadvantages of Essay Type Questions
52. Steps in Writing of a Research Paper
53. Adult Learning
54. Evaluation of a Training Programme
55. Designing and Development of Instructional System
56. Research in Educational Technology