



VISION

(BOR Resolution No. 25 s. 2016)

A premier state university with recognized excellence in engineering and technology education at par with leading universities in the ASEAN region.

MISSION

(Section 2 of P.D. No. 1518)

The University shall provide higher and advanced vocational, technical, industrial, technological and professional education and training in industries and technology and in practical arts leading to certificates, diplomas and degrees. It shall provide progressive leadership in applied research, developmental studies in technical, industrial, and technological fields and production using indigenous materials; effect technology transfer in the countryside; and assist in the development of small-and-medium scale industries in identified growth centers.

DEPARTMENT OF INDUSTRIAL EDUCATION GOALS

1. To periodically review the curricular program to produce competent and committed teachers.
2. To undertake development and innovative researchers in Industrial Education.
3. To facilitate transfer of technology in Industrial Education through expanded and effective linkages with industry and other sectors.
4. To produce teachers who understand and appreciate genuine human ideas and values.
5. To imbue prospective teachers with desirable characteristics.

OBJECTIVES

1. Offer relevant and responsive curricular programs.
2. Initiate the conduct of researches in pedagogy and related educational technology.
3. Intensify community involvement through extension programs and projects.
4. Develop attitude, personal discipline, moral, social and cultural values of the students.
5. Equip prospective teachers with desirable personal and social characteristics, qualities and traits.



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BTVTED

AREA III

CURRICULUM AND INSTRUCTION

C. Assessment of Academic Performance

S.2. The summative tests have the following descriptions:

S.2.1 comprehensive enough to test the different levels of cognitive skills and knowledge of content; and



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MAJOR EXAMINATION FORM

Page 1/7

MAJOR EXAMINATION DETAILS

Major Exam: <input type="checkbox"/> PRELIMINARY EXAMINATION <input checked="" type="checkbox"/> MIDTERM EXAMINATION <input type="checkbox"/> FINAL EXAMINATION		Subject: TECHNOLOGY FOR TEACHING AND LEARNING 1	School Year 2023 - 2024	Semester <input checked="" type="checkbox"/> 1 st <input type="checkbox"/> 2 nd	Room Assignment NAB 201/ UB-213
Name		Proctor DR. RAMON JR R. BLANQUERA		Time Administered	Date Administered
Course BTVTED CP & EL	Year	Section	Subject Professor DR. RAMON JR R. BLANQUERA		SCORE

GENERAL INSTRUCTIONS:

1. Read the directions carefully.
2. Answer in the given order and as directed.
3. Write neatly and clearly.

1. Which of the following is NOT a role of ICT in education?
A. ICT helps teachers in both pre-service and in-service teachers training.
B. ICT also helps teachers to access with institutions and Universities.
C. It helps teacher to communicate with other teachers.
D. It helps in improve Teaching skill, helps in innovative Teaching.
2. Which of the following creates, uses, and manages technological processes and educational resources to help improve user academic performance?
A. Information and Communication technology B. Media
C. Educational Technology D. Instructional Technology
3. What is the best starting point when you want to teach students how to be good digital citizenship?
A. Understanding User Data B. Acknowledging the Digital Divide
C. Practicing Digital Wellness` D. Empathy
4. Which of the following does Educational Technology course pave the way for learner?
A. Aware, appreciative, equipped B. Honest, wise, aware
C. Effective, honest and wise D. Creative, wise and honest
5. Which of the following is NOT a role of ICT in assessment?
A. Modern technology offers educators a variety of new tools that can be used in the classroom.
B. Technology can help teachers assess their students' learning as well as their performance in the classroom.
C. Use of ICT assessment involves the use of digital devices to assist in the construction, delivery, storage or reporting of student assessment tasks, responses, grades or feedback.
D. None of the above
6. Which is TRUE about the roles of ICT in education?
A. ICT bridges the gap in remote areas.
B. ICT helps teacher to pass information to students within a long period of time.
C. It totally removes the traditional method of teaching.
D. ICT helps teacher to motivate students and growing interest in learning.
7. What refers to the communication channels through which we disseminate news, music, movies, education, promotional messages and other data which also includes physical and online newspapers and magazines, television, radio billboards, internet and billboards?
A. Educational Technology B. Information and Communications Technology
C. Media D. Technology Tools
8. Ms. Jean, a computer teacher demonstrates understanding of local and global issues and exhibits ethical and legal use of information and communications technology tools. Which is true about her?
A. She models digital-age work and learning
B. She facilitates and inspires student learning and creativity.



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MAJOR EXAMINATION FORM

Page 2/7

- C. She promotes and models digital citizenship and responsibility.
D. She designs and develops digital-age learning experiences and assessments
9. There are several reasons why teachers are reluctant in using electronic media in the teaching-learning process. Which is the most common reason?
A. The limited exposure of teachers to new equipment
B. Their incompatibility to diverse needs of the learners
C. The difficulty in integrating technology in the curriculum
D. The excessive availability of local technology in the community
10. Mr. Garcia, an ICT teacher takes into account technology standards to address the needs of the students and help them adapt with the changing society and technology. Which of the following standards is an exception?
A. Creativity and innovation
B. Research and information literacy
C. Model digital-age work and learning
D. Technology operations and concepts
11. Which of the following is an effective implementation of ICT Policy in classroom?
A. To support teachers as they change their teaching, it is also essential for education managers, supervisors, teacher educators and decision makers to be trained in ICT use.
B. To replace teachers in the teaching and learning process
C. To evaluate the effectiveness of teachers
D. To show that schools or already in high end in terms of technology
12. Which of the following is NOT true about digital media?
A. It allows students to explore on multitude knowledge and information.
B. It makes students more engaged and motivated.
C. It refers to application software that uses multimedia elements.
D. It refers to technologies that enable users to make new forms of communication, interaction, and entertainment in the digital house.
13. Which of the following is one of the Safety issues in ICT?
A. Limited accessibility and network connection
B. Full technical support
C. Online Computation
D. Media Technology
14. Which of the following describes safety issues in using ICT?
A. Students' use of software or disks into school even without permission.
B. Students' use of the internet and access all the internet sites every time they need
C. Students' use of the computers for school work and homework.
D. Students' use of internet chat all the time.
15. Susana's teacher asked them to upload their written output in the google drive folder where all students can access. Which of the following should Susana when she accidentally upload to the drive her vacation trip video?
A. Delete the files of those students who don't like her
B. Open the files of the other students to see whether your answer is correct
C. Look and delete her own files
D. Do not submit and just message your teacher that you don't know to upload videos in google drive
16. Teacher Andrea wants to use google meet for her Grade 7 students for a meeting. Which of the following safety rules implementation must Teacher Andrea do first?
A. Ask for the approval of the principal
B. Announce to the parents of the students
C. Tell the pupils to install google meet
D. Ask for the assistance of the IT department for the meeting
17. Which of the following is NOT the effective implementations of ICT Policies?
A. Teachers need specific professional development opportunities in order to increase their ability to use ICT for formative learning assessments, individualized instruction, accessing online resources and for fostering student interaction and collaboration.
B. ICT implementation is very essential if the teacher is competent but if no, other options should be considered.
C. ICT should positively impact teachers' general attitudes towards ICT in the classroom, but it should also provide specific guidance on ICT teaching and learning within each discipline.



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MAJOR EXAMINATION FORM

Page 3/7

D. ICT into classrooms, policies should use an incremental pathway, establishing infrastructure and bringing in sustainable and easily upgradable ICT.

18. Ms. Ana used a film clip in teaching TLE concepts to her grade 8 class. However, she found out that it was ineffectively used in the classroom. When technology is considered ineffective?

- A. When it promotes mastery of the lesson
- B. When it promotes viewing of the lesson
- C. When it helps attain the objectives of the lesson
- D. When it induces alienation on the part of the learners

19. Which of the following should you avoid if you were asked to evaluate the effectiveness of an instructional game after using it in teaching a lesson in high school TLE?

- A. Present problems which are relevant to learning objectives.
- B. Allow learners to select different content materials.
- C. Provide a cooperative learning atmosphere.
- D. Provide a scoring system.

20. Which of the following questions is *NOT* the considerations in selecting instructional materials?

- A. Is there a teacher's guide for effective use?
- B. Is the material worth the time, expensed, and effort involved?
- C. Is the physical condition of the material satisfactory?
- D. None of the above

21. Which of the following statements best corresponds to Dale's Cone of Experience?

- A. Dale's cone of experience is a visual model that is composed of different stages starting from concrete experiences at the bottom of the cone then it becomes more and more abstract as it reach the peak of the cone
- B. The arrangement in the cone is based on its difficulty and on the number of senses involved.
- C. According to the principle, concrete experience is the only effective experience that educators should use in transferring knowledge to the learner.
- D. Dales' cone of experience is a tool to help instructors to lessen their work and let their students work alone.

22. Which is *NOT TRUE* about Dales Cone of Experience?

- A. The broad base of the cone illustrated the importance of direct experience for effective communication and learning.
- B. According to the cone of experience people generally remember 60% of what we hear and see.
- C. The cone claimed that we remember more from reading than from doing.
- D. Students should have opportunities to hear learning contexts as it has the highest percentage in cone of experience.

23. The teacher is using a representative models or mock-up of reality for practical reasons to make the real-life accessible to the learners. This Dale's Cone of Experience

- A. Exhibits
- B. Contrived Experiences
- C. Demonstration
- D. Verbal Symbols

24. Below are examples of Direct Purposeful Experiences, which one is the exemption?

- A. Tasting different ice cream flavor
- B. Playing volleyball
- C. Reading books and novels
- D. climbing a ladder

25. Which among the following emphasizes how the connections among teachers' understanding of content, pedagogy, and technology interact with one another to produce effective teaching?

- A. ASSURE Model
- B. PACK Model
- C. Information and Communications Technology (ICT)
- D. Dale's Cone of Experience

26. Which among the following suggests that teachers need to have deep understandings of each of the above components of knowledge in order to orchestrate and coordinate technology, pedagogy, and content into teaching?

- A. ASSURE Model
- B. TPACK Model
- C. Information and Communications Technology (ICT)
- D. Dale's Cone of Experience



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MAJOR EXAMINATION FORM

Page 4/7

27. What is a theoretical framework defined by an emphasis on the “total intersection” between technology and content?
- A. ICT-Related PCK
 - B. Electronic Pedagogical Content Knowledge
 - C. Technological Pedagogical Content Knowledge – Web
 - D. Technological Content Knowledge
28. Which term best matches the definition “teachers” knowledge about the subject matter to be taught or learned?
- A. Content Knowledge/ CK
 - B. Technology Knowledge/ TK
 - C. Technological Content Knowledge/ TCK
 - D. Pedagogical Knowledge/ PK
29. There should be focus on those learner characteristics which are associated with the learning outcomes desired. This statement explains which step in the ASSURE model?
- A. Analyze your learners
 - B. Select Strategies, Technology, Media, and Materials
 - C. Require Learner Participation
 - D. State Standards and Objectives
30. This step actually belongs within earlier steps. It requires that you make plans to how you are going to actively engage your students in the material that you are teaching. This needs to be figured out both at the class level and the individual level. What step is this?
- A. Analyze your learners
 - B. Select Strategies, Technology, Media, and Materials
 - C. Require Learner Participation
 - D. State Standards and Objectives
31. Which of the following is a process in making a lesson plan that is just as crucial as all of the others and that you evaluate the impact of your teaching on student learning?
- A. Analyze your learners
 - B. Select Strategies, Technology, Media, and Materials
 - C. Utilize Technology, Media, and Materials
 - D. Evaluate and Revise
32. Which of the following best describes as set of abilities that enables an individual to acquire, evaluate, and use information?
- A. Information Literacy
 - B. Media Literacy
 - C. Digital Literacy
 - D. Budget Literacy
33. Which of the following is an example of Digital Literacy?
- A. Pen and paper test to assess student's progress.
 - B. Lecture about the history of the World War II.
 - C. Speech about one's perspective about success
 - D. Experiment with new chronological styles of narrative or argument sequence, and analyses the effect of each.
34. Mr. Raul wants his students to create an invitation letter. Which of the following software can he recommend to his students in their activity?
- A. Microsoft Excel
 - B. Microsoft PPT
 - C. Microsoft Word
 - D. Word Pad
35. Which of the following is NOT an example of a web browser?
- A. Google Chrome
 - B. Google Drive
 - C. Mozilla Firefox
 - D. Opera Mini
36. Which is a systematic process that helps them develop strategies and create activities for instructional classes?
- A. Gagne's Nine Events of Instruction Model
 - B. ADDIE Model
 - C. Merrill's Principles of Instruction
 - D. Revised Bloom's Taxonomy
37. What do you call the generic process traditionally used by instructional designers and training developers?
- A. Gagne's Nine Events of Instruction Model
 - B. ADDIE Model
 - C. Merrill's Principles of Instruction
 - D. Revised Bloom's Taxonomy
38. Which model is a systematic process that helps them develop strategies and create activities for instructional classes?
- A. Gagne's Nine Events of Instruction Model
 - B. ADDIE Model



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MAJOR EXAMINATION FORM

Page 5/7

- C. Merrill's Principles of Instruction
D. Revised Bloom's Taxonomy
39. Which is a set of principles that can be found in most instructional design theories and models in which authors would agree that these principles are necessary for effective and efficient instruction?
A. Gagne's Nine Events of Instruction Model
B. ADDIE Model
C. Merrill's Principles of Instruction
D. Revised Bloom's Taxonomy
40. Teacher Carlo focuses on the learning objectives, delivery format, and activities and exercises in delivering his lesson. What phase in ADDIE does Teacher Carlo showed?
A. Develop
B. Integrate
C. Design
D. Elevate
41. Which of the following is an easy to share and can be accessed almost anywhere allowing learners to stay in touch with a topic, at their convenience?
A. Simulations and Models
B. Graphics and Animations
C. Quizzes and Games
D. E-books and E-notes
42. The following are examples of conventional learning resources, EXCEPT:
A. Posters
B. Flipcharts
C. One act play
D. E-books
43. The following are examples of communication media EXCEPT:
A. Chat rooms
B. Blog sites
C. Power point Presentation
D. E-mail
44. PowerPoint is definitely a favorite that can be used with all ages, another one is Prezi, it is an excellent online presentation resource for students, and it gives them a bit more freedom and creativity in how they choose to present the information and transition between "slides". Which of the following refers to this statement?
A. Videos
B. Computer Games
C. Research
D. Presentations
45. Brainpop, National Geographic Kids and National Geographic in YouTube are examples of what kind of computer program?
A. Videos
B. Computer Games
C. Research
D. Presentations
46. Which of the following allows students to practice and improve their public speaking and presentation skills?
A. Teacher Websites
B. Digital Textbooks
C. Grades
D. Video Conferencing
47. Vince received an email from his teacher which he would like to send to his classmates. Which of the following situations he must do first?
A. Send the email to all his classmates where all the email addresses are under BCC.
B. Send the email to all his classmates where all the email addresses are under CC.
C. Send the email by changing the subject heading to a meaningful subject line.
D. Ask permission from the teacher before sending.
48. The following are digital safety rules to help you avoid getting into trouble online, EXCEPT:
A. Practicing Safe Browsing
B. Make Sure your Internet Connection is publicized.
C. Choose Strong Passwords
D. Be Careful What you Post
49. Which of the following enables students to quickly and easily collect information from a wide range of credible online resources
A. Videos
B. Computer Games
C. Research
D. Presentations
50. Which among the following is NOT an example of Conventional Learning Resources?
A. Dictionary
B. Story telling
C. Textbook
D. Edmodo
51. In our school, we are using social media accounts to disseminate information or announcements about the events of the school. What type of distance learning is being described?
A. Asynchronous Distance Learning
B. Active Distance Learning
C. Synchronous Distance Learning
D. Dynamic Distance Learning



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MAJOR EXAMINATION FORM

Page 6/7

52. We are using ZOOM to connect with our co-teachers. What type of distance learning is being described?

- A. Asynchronous Distance Learning
- B. Active Distance Learning
- C. Synchronous Distance Learning
- D. Dynamic Distance Learning

53. The following are advantages of flexible learning, EXCEPT:

- A. Learners may lack the experience to pace themselves appropriately
- B. Allows learners to make their decisions about how quickly to learn
- C. Assuming control and responsibility of the learning pace can be motivating for some learners
- D. None of the above

54. The following are dimensions of flexible learning, EXCEPT:

- A. Support
- B. Time
- C. Pedagogy
- D. Classroom

55. Which of the following projects allow the teacher to step out of the traditional role of being a content expert and information provider, and instead lets the students find their own facts and information?

- A. Guided hypermedia
- B. Resource-based projects
- C. Simple creations
- D. Web-based project

56. Which of the following is true on a resource-based learning model?

- A. The teacher is a guide and facilitator
- B. Teacher is an expert
- C. Textbook is the key source of information
- D. Emphasis on the product

57. It is the practice of refraining from indulging in the internet and digital media for unreasonable amounts of time.

- A. Understanding User Data
- B. Acknowledging the Digital Divide
- C. Practicing Digital Wellness
- D. Empathy

58. Which is the consideration of the disparity between those who have access to modern digital tools (like computers and the internet) and those who don't?

- A. Understanding User Data
- B. Acknowledging the Digital Divide
- C. Practicing Digital Wellness
- D. Empathy

59. Which of the following statements characterize the use of internet in education at a disadvantage?

- A. False information without knowing
- B. Loss of skill in traditional book method research
- C. Unrestricted acquisition of undesirable information.
- D. All of the above

60. As a self-contained operating system, which of the following can Microsoft Windows provide to its users?

- A. A new look and fancy applications
- B. Allows to access audio and visual files
- C. User Convenience
- D. All of the above



ANSWER KEY:

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