

BOAT STUDY: SUPPLEMENTARY I (CONTENT KNOWLEDGE TEST, READINESS TEST & COURSE FEEDBACK FORM)

BOAT: PRE and POST CONTENT KNOWLEDGE TEST:

Pre and Post Test on BOAT Course

Dear Participant

This test contains 20 questions and is mandatory to attempt as it is made to assess your present knowledge about the content you will learn in this course . you will be provided 25 min to attempt the Pre-test

Also IME requests your consent for participation in a study to assess knowledge improvement of online teaching and assessment. Your responses may be used for research and publication. We will maintain confidentiality of your data, it will be saved in google doc with IME faculty and will be stored in a password protected electronic format.

You have right to withdraw at any point of time during this course from the study, it will be a penalty free- withdrawal

we are collecting emails to identify information. However it will not be disclosed to any external party.

Please click on the respective check box for permission to use your data in the study and proceed to fill the form

Thank you.

Section 1:

I agree to participate in the research study.

- Yes
- No

Section 2:

Start! you have 20 min to attempt the TEST

Please answer the following questions to the best of your knowledge.

- I. To make your presentation clear and readable the most suitable font size in the text should be:
 - 14
 - 24
 - 34
 - 44

- II. Which one of the following combinations is most suitable for an effective presentation?
 - Black background red font
 - Dark blue background Pink font
 - Grey shaded background white font
 - White background Dark grey font

- III. To create class using Google classroom you need to have account of Google:
 - Class
 - Mail
 - Meet
 - Suite

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- IV. Which of the following icon should be clicked for inviting participants in Google Classroom?
- Class work
 - People
 - Share screen
 - Stream
- V. The most important skill to collaborate in Zoom meeting is :
- Inviting the participants
 - Managing breakout rooms
 - Scheduling a meeting
 - Sharing your device screen
- VI. Zoom platform is a :
- Cloud based communication application
 - Game based communication platform
 - Learning Management system
 - Video-audio conferencing application
- VII. Kahoot is a:
- Collaborating learning platform
 - Game-based learning platform
 - Learning management platform
 - Quiz based learning platform
- VIII. Socrative is a :
- Game-based learning tool
 - Instant Feedback tool
 - Online Assessment tool
 - Quiz based Assessment tool
- IX. Cheating can be reduced using Kahoot best by:
- Randomization of the questions and answers
 - Time bounded questions
 - Using option of multiple choice questions
- X. To access and create quizzes on Kahoot and Socrative you need to have:
- Gmail Account
 - Student Account
 - Teacher Account
 - University Account

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- XI. You are conducting a lecture on Google Meet and students are unable to hear you clearly. Which of the following is the most likely problem?
- Internet speed with 25 Mbps
 - Mike pin insertion area
 - Built-in Voice device
- XII. During teaching on Zoom, the teacher felt disconnected with her students. Which feature should she use in order to get instant feedback on her speed while keeping all students muted?
- Breakout rooms
 - Nonverbal feedback
 - Polls
 - Whiteboard
- XIII. You want to include the gamification in your teaching session to engage students and stimulate discussion. What will you choose to use from the following?
- Annotating on shared whiteboard
 - Float a question to brainstorm
 - Quiz on Google Classroom
 - Quiz on Kahoot Application
- XIV. During a teaching session student were reluctant to be assessed individually and are very bored listening to the lecture. Which of the following Socrative feature will you use to assess and engage students?
- Exit Ticket
 - Polling
 - Space race
 - True/False
- XV. Due to lock down situation, you were asked by your Principal to start teaching students online in small groups like in face-to-face tutorials without making an account. Which of the following is best to use?
- MOODLE
 - Google classroom
 - Socrative
 - Zoom platform

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- XVI. Due to lock down situation, you were asked by your Principal to start teaching students online replacing face to face classes with online sessions. Which one of the following is best to use?
- Email
 - Kahoot
 - Google classroom
 - Socrative
- XVII. In the last section of the class, teacher thought to get a feedback using socrative of today's class objectives and students learning. Which of the following Key feature will be appropriate to use?
- Exit Ticket
 - Short Answer
 - Space race
 - True/False
- XVIII. You have received feedback from a medical educationist on one of your PowerPoint lecture to remove irrelevant words and pictures to improve learning. Which of the following principle you are asked to apply?
- Coherence
 - Redundancy
 - Signaling
 - Spatial Contiguity
- XIX. One of your students is presenting a topic and you are observing him. During his presentation you observe that some of his slides have words that are bold and underlined. Which of the following multimedia principle has he applied?
- Coherence
 - Redundancy
 - Signaling
 - Spatial Contiguity
- XX. In your last lecture you noticed that students not understanding the labeling of diagrams well. Upon inquiring they complain difficulty in grasping the labeling of the diagrams shown as it is very far apart in power point slides, which delays understanding. Which of the following principles should be applied to solve this problem?
- Coherence
 - Signaling
 - Spatial Contiguity
 - Temporal contiguity

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BOAT PRE-POST Readiness for Online Teaching and Assessment
(QUESTIONNAIRE)

This Google form is the part of BOAT course, contains 8 Sections, which is mandatory to fill.

Please click the options appropriate to you. This form is design to get an idea of your understanding and skills regarding technology access, computer use and online tools. It will take your 15 min to fill this form.

Section I Consent:

I agree to participate in the research study

- Yes
- No

Section II: Demographics

- Age
- Gender
 - Male
 - Female
- Basic Qualification
 - BDS
 - MBBS
 - Other
- Other Qualification (if any or write NA)
- Teaching Experience (in years)
- Academic Designation
- Department

Section III: Technology Access

Please indicate how easy for you to access the following items;

1. A fairly new computer (e.g., with high speed & large memory, speakers, Webcam)
 - No access at all
 - very difficult to access
 - difficult

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- easy
 - very easy to get access
2. Adequate software on the computer (e.g., the latest versions of Microsoft Office, Adobe Acrobat, Real Player, Internet Explorer.)
- No access at all
 - very difficult to access
 - difficult
 - easy
 - very easy to get access
3. A fast internet connection at home.
- No access at all
 - very difficult to access
 - difficult
 - easy
 - very easy to get access
4. A fast internet connection at Office.
- No access at all
 - very difficult to access
 - difficult
 - easy
 - very easy to get access
5. A mobile technology (iPhone, iPad, Smartphone etc.).
- No access at all
 - very difficult to access
 - difficult
 - easy
 - very easy to get access
6. A MOODLE account

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- No access at all
 - very difficult to access
 - difficult
 - easy
 - very easy to get access
7. A Google Classroom account
- No access at all
 - very difficult to access
 - difficult
 - easy
 - very easy to get access

Section IV: Computer Skills

Please indicate how confident you are in the following:

8. Operating a computer (e.g., saving files, creating folders).
- Never used it
 - Very hesitant
 - Hesitant
 - Confident
 - Very Confident
9. Installing or setting up an application or software
- Never used it
 - Very hesitant
 - Hesitant
 - Confident
 - Very Confident
10. Using Microsoft Word to create documents
- Never used it
 - Very hesitant

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- Hesitant
- Confident
- Very Confident

11. Using PowerPoint to create presentations

- Never used it
- Very hesitant
- Hesitant
- Confident
- Very Confident

12. Using Excel to create worksheets/documents

- Never used it
- Very hesitant
- Hesitant
- Confident
- Very Confident

Section IV: Online Skills

Please indicate how often you face problems in performing the tasks stated below:

13. Finding information on the Internet (e.g., using search engines, web surfing).

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

14. Managing files on the computer, such as copying, moving, renaming, and deleting files or folders.

- Never Tried
- Always faced problem
- Often

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- Few times
- Never Faced a problem

15. Sending and receiving email

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

16. Uploading and downloading attachments

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

17. Using an Internet browser, such as Google Chrome or Firefox to search the Web

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

18. Downloading and/or uploading files to and from a website (as on MOODLE, Google Classroom, Facebook).

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

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19. Using discussion board of MOODLE for online discussion

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

20. Posting materials such as; texts or PowerPoint Presentations on Google Classroom

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

21. Inviting participants in Google Classroom.

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

22. Participating in an online conversation via collaborating learning platforms such as: Zoom platform
Google Classroom.

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

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23. 'Screen sharing' during Zoom sessions.

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

24. Managing 'breakout rooms' to engage students in Zoom sessions

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

25. Using 'polls' during Zoom sessions

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

26. Using 'White-board' during Zoom sessions

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

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27. Using Kahoot App to evaluate student performance

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

28. Using Socrative to evaluate student performance

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

29. Teaching via 'Google Classroom'

1. Never Tried
2. Always faced problem
3. Often
4. Few times
5. Never Faced a problem

30. Creating classes in 'Google Classroom'

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

31. Sharing presentations/reading material/ handouts etc.via 'Google Classroom'.

- Never Tried
- Always faced problem
- Often

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- Few times
- Never Faced a problem

32. Integrating Google Classroom to Google Meet

- Never Tried
- Always faced problem
- Often
- Few times
- Never Faced a problem

Section V: E-learning experience

Please indicate (yes / no) if you have participated in any of the following activities;

33. Online Courses

- Yes, as a student
- Yes, as a facilitator
- No

34. Online discussion/s

- Yes, as a student
- Yes, as a facilitator
- No

35. Online exams

- Yes, as a student
- Yes, as a facilitator
- No

36. Workshops on using online tools

- Yes, as a student
- Yes, as a facilitator
- No

37. Need Support: Please choose from the following statements: You wish to have extra training in using online technology in the following areas: (you may choose more than one);

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- Computer skills
- Typing and Editing
- Time Management
- Managing multi-media contents
- Using online tools in education
- Using the Web for education
- Designing online contents
- Online communications skills

38. How do you think online education would impact your teaching (circle your choice)?

- Very Negatively
- Negatively
- No impact
- Positively
- Very Positively

39. Overall, on a scale from 1-5 rate your readiness to adopt online education for your own teaching as:

	1	2	3	4	5	
Not ready at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	so ready

Section VI: Challenges and Solution (Open ended Questions)

Please answer the following questions, this will help us to improve our present course and develop new course:

- 40. What issues represent the most serious challenge to you in adopting online education for your teaching? Write in points a maximum of 5 challenges
- 41. Write in points maximum 5 solutions / recommendations to address the challenges.

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Feedback form BOAT

Please fill the form and submit to get the IME BOAT certification.

Likert scale used for following close ended questions:

1 2 3 4 5
Strongly Disagree ○ ○ ○ ○ ○ Strongly Agree

Section 1: Content:

1. The content of the entire online session will be useful for me in my work place.
2. The content shared in the videos met the course objectives.
3. I could understand various concepts during the online sessions just as well as during face-to-face sessions
4. I enjoyed the video tutorials used
5. The session helped me developing my concepts
6. The level of difficulty of content in the session was appropriate

Section 2: Teaching and Learning

1. The quizzes helped me understand the topics better
2. The video tutorials provided were satisfactory in quality
3. The video tutorials were easily accessible
4. At the end of the entire session I am comfortable in using Kahoot App. for quizzes
5. At the end of the entire session I am comfortable in using Socrative for formative assessment
6. At the end of the session I am comfortable in using zoom features for online teaching and meetings
7. At the end of the session I am comfortable in using Google Classroom for online teaching
8. Comparing face-to-face sessions, the asynchronous session was better
9. My questions were addressed adequately in the synchronous session
10. I found power point presentation exercises useful for understanding
11. The time given for quizzes was adequate

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Section 3: Environment:

1. I found the virtual environment of learning to be helpful for learning
2. Using learning management system MOODLE was interesting

Section 4: Facilitators:

(Prof. Dr. Syeda Kauser Ali, Dr. Syed Moyn Aly, Dr. Shaur Sarfaraz)

1. I found the facilitators to be knowledgeable
2. I found the facilitators to be helpful
3. The duration of each video was adequate for the content planned in it

Section 5: Administrative Functions:

(with Communication and Co-ordination by Dr. Shaur Sarfaraz and Mr. Syed Farhat Ali Shah)

1. I was provided with the information of this course well ahead of time
2. The duration of the course was suitable for me
3. The structure of the course was suitable for me
4. The progression of the course was aligned properly
5. The course started on time as informed
6. The session ended on time as informed
7. Overall, there were hardly any administrative issues in using Moodle
8. Out of maximum 10, I would rate this course as:

1 2 3 4 5 6 7 8 9 10

Your Valuable Views and Suggestions (Open Ended Questions)

(Anything About the video tutorials, Content, Facilitators, Coordinator, Administrative issues and course itself.)

1. List maximum three things you liked during this course
2. List maximum three things you wish would be improved in this course
3. Will you recommend this course to others?

Yes No