



# RAAK

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)

VALUE ADDED COURSES

2018-2019

Department of Science & Humanities.

18SH01- Teaching of English Language and Literature

FINAL COURSE ENROLLMENT DETAILS

MARK SHEET

Sl. No	Register Number	Student Name	MARKS
1.	18TD1401	ADARSH S	96
2.	18TD1402	ANITHA I	88
3.	18TD1403	ANITHA R	92
4.	18TD1404	ARTHI K	95
5.	18TD1405	DEEPA S	94
6.	18TD1406	FAVAZ AHAMED M	88
7.	18TD1407	GNANADISHALI P	84
8.	18TD1408	GOPINATH N	88
9.	18TD1409	GUNAPRIYA M	92
10.	18TD1410	IMMANUEL PAUL S	88
11.	18TD1411	KEERTHIGA K	84
12.	18TD1412	KOWSALYA M	88
13.	18TD1413	MADHAVAKUMARAN P	92
14.	18TD1414	MADHUBALA R	88
15.	18TD1415	MANIKANDAN P	84
16.	18TD1416	MEHARIN BEGAM M	95



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17.	18TD1417	PAVITHRA K	94
18.	18TD1418	PREETHA R	88
19.	18TD1419	PREMKUMAR M	84
20.	18TD1420	PRIYADARSHANI P	88
21.	18TD1421	PUSHPA R	92
22.	18TD1422	RIFATHALMAS S	88
23.	18TD1423	SANDHIYA E	84
24.	18TD1424	SENBAGAM B	95
25.	18TD1425	SHANTHINI A	94
26.	18TD1426	SIVASAKTHI C	88
27.	18TD1427	SOORIYA MOORTHY G B	84
28.	18TD1428	SUGANYA P	88
29.	18TD1429	SUGUMARAN M	92
30.	18TD1430	SUMITHRA S	88
31.	18TD1431	SUNITHA C	84
32.	18TD1432	VIJAY V	95
33.	18TD1433	VINODHINI M	94
34.	18TC1201	ABITHA V	88
35.	18TC1202	AGALYA B	84
36.	18TC1203	ANITHA N	88
37.	18TC1204	FOUSIA BEGAM Y	92



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38.	18TC1205	JOTHILAKSHMI A	88
39.	18TC1206	KAMARUNISHA H	84
40.	18TC1207	KAVITHA U	95
41.	18TC1208	MATHIYARASI S	94
42.	18TC1209	NASIRA BANU M	88
43.	18TC1210	PAVITHRA S	84
44.	18TC1211	PRIYADARSINI D	93
45.	18TC1212	RAJALAKSHMI M	92
46.	18TC1213	RAJESWARI P	88
47.	18TC1214	SANGARI A	92
48.	18TC1215	SANGEETHA K	84
49.	18TC1216	SUVEDHA V	95
50.	18TC1217	VASHUMATHY S	94
51.	18TC1218	VISHNUPRIYA S	88
52.	18TE0851	JAYASREE J	84
53.	18TE0852	MAHALAKSHMI M	93

  
HOD

  
PRINCIPAL



  
J. S. SANKARANARAYANAN, M.E., Ph.D.  
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## COLLEGE OF ENGINEERING AND TECHNOLOGY

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### VALUE ADDED COURSES

2018-2019

Department of Science & Humanities.

### 18SH01-TEACHING OF ENGLISH LITERATURE

NAME:

CLASS:

DATE:

1. Which of the following is a primary goal of teaching English literature?

- A. To teach grammar rules
- B. To analyze and appreciate literary works
- C. To improve handwriting
- D. To memorize dates

Answer: B. To analyze and appreciate literary works

2. Which literary period is known for its emphasis on reason and logic?

- A. Romanticism
- B. Modernism
- C. Enlightenment
- D. Postmodernism

Answer: C. Enlightenment

3. Who is considered the father of English literature?

- A. William Shakespeare
- B. Geoffrey Chaucer
- C. John Milton
- D. Charles Dickens

Answer: B. Geoffrey Chaucer

4. Which of the following is a common approach to teaching poetry in the classroom?

- A. Focusing solely on memorization
- B. Encouraging creative interpretation and personal response
- C. Ignoring the historical context
- D. Avoiding discussions on themes

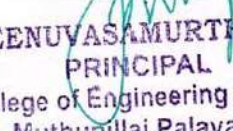
Answer: B. Encouraging creative interpretation and personal response

5. In literature, what is a theme?

- A. The plot of the story
- B. The underlying message or main idea
- C. The character list
- D. The setting

Answer: B. The underlying message or main idea



  
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6. What is the purpose of a literary analysis essay?
- A. To summarize the plot
  - B. To provide a detailed examination of the elements of a literary work
  - C. To create a new story
  - D. To express personal opinions unrelated to the text
- Answer: B. To provide a detailed examination of the elements of a literary work

7. Which of the following best describes the term "genre"?
- A. A list of characters in a story
  - B. A category of literature characterized by similarities in form, style, or subject matter
  - C. The moral of a story
  - D. The setting of a story
- Answer: B. A category of literature characterized by similarities in form, style, or subject matter

8. Who wrote "Pride and Prejudice"?
- A. Emily Brontë
  - B. Mary Shelley
  - C. Jane Austen
  - D. Charlotte Brontë
- Answer: C. Jane Austen

9. What is the significance of context in understanding a literary work?
- A. It provides background information that enhances comprehension
  - B. It has no impact on the understanding of the text
  - C. It replaces the need for textual analysis
  - D. It is only important for historical documents
- Answer: A. It provides background information that enhances comprehension

10. Which of the following is an effective way to teach Shakespearean plays?
- A. Focusing only on the language
  - B. Incorporating performance and dramatization
  - C. Avoiding discussions on themes and characters
  - D. Ignoring historical and cultural contexts
- Answer: B. Incorporating performance and dramatization

11. What is a "foil" in literature?
- A. A type of plot structure
  - B. A character who contrasts with another character, usually the protagonist, to highlight particular qualities
  - C. A type of figurative language
  - D. A recurring theme
- Answer: B. A character who contrasts with another character, usually the protagonist, to highlight particular qualities



  
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12. Which of the following is a benefit of using group discussions in literature classes?

- A. Students can avoid reading the text
- B. It encourages passive learning
- C. It fosters critical thinking and diverse perspectives
- D. It eliminates the need for teacher involvement

Answer: C. It fosters critical thinking and diverse perspectives

13. Who is the author of "1984"?

- A. Aldous Huxley
- B. George Orwell
- C. J.R.R. Tolkien
- D. F. Scott Fitzgerald

Answer: B. George Orwell

14. What is an effective strategy for teaching complex texts?

- A. Simplifying the text completely
- B. Avoiding difficult passages
- C. Providing scaffolding and support, such as background information and guided reading questions
- D. Letting students figure it out on their own without any guidance

Answer: C. Providing scaffolding and support, such as background information and guided reading questions

15. What is "symbolism" in literature?

- A. The use of symbols to represent ideas or qualities
- B. A type of plot twist
- C. A specific genre of literature
- D. The main theme of a story

Answer: A. The use of symbols to represent ideas or qualities

16. Which literary device involves the repetition of initial consonant sounds?

- A. Assonance
- B. Metaphor
- C. Alliteration
- D. Simile

Answer: C. Alliteration

17. What is the climax of a story?

- A. The beginning of the story
- B. The conclusion of the story
- C. The turning point or most intense moment in the plot
- D. The background information

Answer: C. The turning point or most intense moment in the plot



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18. Which of the following authors is known for writing during the Romantic period?

- A. T.S. Eliot
  - B. William Wordsworth
  - C. Ernest Hemingway
  - D. James Joyce
- Answer: B. William Wordsworth

19. Why is it important to include diverse literary texts in the curriculum?

- A. To reduce the workload of teachers
  - B. To reflect the experiences and cultures of all students
  - C. To confuse students
  - D. To focus on one perspective only
- Answer: B. To reflect the experiences and cultures of all students

20. What is "irony" in literature?

- A. A straightforward statement
  - B. A contrast between expectation and reality
  - C. An extended metaphor
  - D. A type of rhyme scheme
- Answer: B. A contrast between expectation and reality

21. Which of the following is a benefit of teaching literature through thematic units?

- A. It narrows the focus of study
  - B. It helps students make connections between texts and real-world issues
  - C. It limits the diversity of texts
  - D. It discourages critical thinking
- Answer: B. It helps students make connections between texts and real-world issues

22. Who is the protagonist in "The Catcher in the Rye"?

- A. Jay Gatsby
  - B. Holden Caulfield
  - C. Atticus Finch
  - D. Elizabeth Bennet
- Answer: B. Holden Caulfield

23. What is the purpose of a literature circle?

- A. To have students work independently
  - B. To promote discussion and deeper understanding of a text
  - C. To avoid group work
  - D. To replace individual reading
- Answer: B. To promote discussion and deeper understanding of a text



  
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24. Which of the following best defines "tone" in literature?

- A. The main character's dialogue
- B. The author's attitude toward the subject
- C. The plot's climax
- D. The setting of the story

Answer: B. The author's attitude toward the subject

25. Why is it important to teach literary terms and devices?

- A. To make the class more difficult
- B. To help students analyze and discuss literature more effectively
- C. To lengthen the syllabus
- D. To focus only on plot summary

Answer: B. To help students analyze and discuss literature more effectively



  
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2018-2019

Department of Science & Humanities.

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NAME: ADARSH.S

CLASS: I/S&H

DATE: 20/08/2018

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24  
25

96%  
✓



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NO:1, MUTHUPILLAI PALAYAM ROAD, G.N. PALAYAM, VILLIYANUR, PUDUCHERRY - 605 110

### Certificate of Completion

2018-2019

This is to certify that Mr/Ms..... RAJALAKSHIMI M.....

Year..... I..... Department..... S & H..... has successfully Completed the Value added course. TEACHING OF ENGLISH

COURSE TITLE: ..... LANGUAGE & LITERATURE.....

SCORE: ..... 92.....

COURSE DURATION: ..... (9-8-2018 to 14-8-2019).....

P. Radha Santhya  
HOD



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### VALUE ADDED COURSES

2018-2019

Department of Science & Humanities.

18SH02- Nuclear and Particle Physics

### MARK SHEET

Sl. No	Register Number	Student Name	MARKS
1.	18TH1001	ANANDHASAMYUKTHA P	96
2.	18TH1002	BALASUBRAMANIAN S	88
3.	18TH1003	DEEPIKA R	92
4.	18TH1004	DIVYA R	95
5.	18TH1005	KALAIVANI J	94
6.	18TH1006	KANIMOZHI K	88
7.	18TH1007	KAVIYA K	84
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17.	18TH1017	THAMIZHARASAN P	94



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18.	18TH1018	VENKATESH S	88
19.	18TH1019	VISHNUPRIYA A	84
20.	18TB1201	AJAY D	88
21.	18TB1202	AMEENUL ISLAM N	92
22.	18TB1203	DEVA R	88
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34.	18TB1215	SIVA A	88
35.	18TB1216	SIVARAJ K	84
36.	18TB1217	SIVASANKARAN K	88
37.	18TB1218	VUBALANKA SAI VENKATA SRI RAM	92

*A. Rajan*  
HOD  
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*Dr. S. Seenuvasamurthi*  
Dr. S. SEENUVASAMURTHI, M.E., P  
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### VALUE ADDED COURSES

2018-2019

Department of Science & Humanities.

18SH02- NUCLEAR PARTICLE

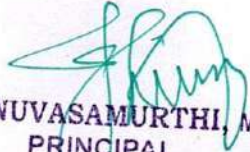
NAME:

CLASS:

DATE:

1. Which of the following particles is found in the nucleus of an atom?  
A. Electron  
B. Proton  
C. Neutrino  
D. Positron  
Answer: B. Proton
2. What is the charge of a neutron?  
A. Positive  
B. Negative  
C. Neutral  
D. Variable  
Answer: C. Neutral
3. Which particle is responsible for binding protons and neutrons in the nucleus?  
A. Electron  
B. Photon  
C. Gluon  
D. Neutrino  
Answer: C. Gluon
4. What is the anti-particle of an electron called?  
A. Proton  
B. Neutron  
C. Positron  
D. Muon  
Answer: C. Positron
5. Which type of radiation consists of two protons and two neutrons?  
A. Alpha radiation  
B. Beta radiation  
C. Gamma radiation  
D. Neutron radiation  
Answer: A. Alpha radiation



  
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6. Which particle is emitted during beta decay?

- A. Proton
- B. Neutron
- C. Electron or positron
- D. Photon

Answer: C. Electron or positron

7. What is a neutrino?

- A. A particle with no charge and very small mass
- B. A positively charged particle
- C. A particle with the same mass as a proton
- D. A particle with twice the mass of a neutron

Answer: A. A particle with no charge and very small mass

8. Which of the following particles is the heaviest?

- A. Electron
- B. Proton
- C. Neutron
- D. Photon

Answer: C. Neutron

9. What is the name of the process by which a heavy nucleus splits into two lighter nuclei?

- A. Fusion
- B. Fission
- C. Beta decay
- D. Alpha decay

Answer: B. Fission

10. Which particle mediates the weak nuclear force?

- A. Photon
- B. Gluon
- C. W and Z bosons
- D. Graviton


Answer: C. W and Z bosons

11. What is the rest mass of an electron in  $\text{MeV}/c^2$ ?

- A. 0.511
- B. 1.672
- C. 0.938
- D. 1.007

Answer: A. 0.511



  
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## COLLEGE OF ENGINEERING AND TECHNOLOGY

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12. Which particle is responsible for beta-minus decay?

- A. Neutrino
- B. Positron
- C. Electron
- D. Antineutrino

Answer: D. Antineutrino

13. Which of the following particles has a spin of  $1/2$ ?

- A. Photon
- B. Gluon
- C. Electron
- D. Higgs boson

Answer: C. Electron

14. What is a quark?

- A. A fundamental particle that makes up protons and neutrons
- B. A particle with no charge
- C. A type of lepton
- D. A particle that mediates the electromagnetic force

Answer: A. A fundamental particle that makes up protons and neutrons

15. How many types of quarks are there?

- A. 2
- B. 4
- C. 6
- D. 8

Answer: C. 6

16. Which of the following is not a type of quark?

- A. Up
- B. Down
- C. Strange
- D. Charm


Answer: D. Charm

17. What particle is released during gamma decay?

- A. Electron
- B. Proton
- C. Neutron
- D. Photon

Answer: D. Photon



  
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18. What is the baryon number of a proton?

- A. 0
- B. 1
- C. -1
- D. 2

Answer: B. 1

19. Which of the following particles is a lepton?

- A. Proton
- B. Neutron
- C. Electron
- D. Pion

Answer: C. Electron

20. Which of the following is a property of neutrinos?

- A. They interact strongly with matter
- B. They have a large mass
- C. They are electrically neutral
- D. They have a positive charge

Answer: C. They are electrically neutral

21. Which particle is not affected by the strong nuclear force?

- A. Proton
- B. Neutron
- C. Electron
- D. Quark

Answer: C. Electron

22. What is the charge of an up quark?

- A.  $-1/3$
- B. 0
- C.  $+2/3$
- D. +1


Answer: C.  $+2/3$

23. Which particle is the mediator of the electromagnetic force?

- A. Photon
- B. Gluon
- C. W boson
- D. Z boson

Answer: A. Photon



  
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24. What is the name given to the particle predicted by the Standard Model and discovered at CERN in 2012?

- A. Neutrino
  - B. Higgs boson
  - C. Graviton
  - D. Tau lepton
- Answer: B. Higgs boson

25. What is the name of the theoretical particle that mediates the gravitational force?

- A. Photon
  - B. Gluon
  - C. Graviton
  - D. Higgs boson
- Answer: C. Graviton



  
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### VALUE ADDED COURSES

2018-2019

Department of Science & Humanities.

### 18SH02- NUCLEAR AND PARTICLE PHYSICS

NAME: SIVA-A  
CLASS: I/S&H  
DATE: 20/08/2018

1. Which of the following particles is found in the nucleus of an atom?  
A. Electron  
 B. Proton  
C. Neutrino  
D. Positron
2. What is the charge of a neutron?  
A. Positive  
B. Negative  
 C. Neutral  
D. Variable
3. Which particle is responsible for binding protons and neutrons in the nucleus?  
A. Electron  
B. Photon  
 C. Gluon  
D. Neutrino
4. What is the anti-particle of an electron called?  
A. Proton  
B. Neutron  
 C. Positron  
D. Muon
5. Which type of radiation consists of two protons and two neutrons?  
 A. Alpha radiation  
B. Beta radiation  
C. Gamma radiation  
D. Neutron radiation
6. Which particle is emitted during beta decay?  
A. Proton  
B. Neutron  
 C. Electron or positron  
D. Photon

$\frac{22}{25}$  88%



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7. What is a neutrino?  
 A. A particle with no charge and very small mass  
 B. A positively charged particle  
 C. A particle with the same mass as a proton  
 D. A particle with twice the mass of a neutron
8. Which of the following particles is the heaviest?  
 A. Electron  
 B. Proton  
 C. Neutron  
 D. Photon
9. What is the name of the process by which a heavy nucleus splits into two lighter nuclei?  
 A. Fusion  
 B. Fission  
 C. Beta decay  
 D. Alpha decay
10. Which particle mediates the weak nuclear force?  
 A. Photon  
 B. Gluon  
 C. W and Z bosons  
 D. Graviton
11. What is the rest mass of an electron in  $\text{MeV}/c^2$ ?  
 A. 0.511  
 B. 1.672  
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- A. A fundamental particle that makes up protons and neutrons
- B. A particle with no charge
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15. How many types of quarks are there?

- A. 2
- B. 4
- C. 6
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- C. Neutron
- D. Photon

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- A. 0
- B. 1
- C. -1
- D. 2

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21. Which particle is not affected by the strong nuclear force?  
A. Proton  
B. Neutron  
C. Electron  
D. Quark
22. What is the charge of an up quark?  
A.  $-1/3$   
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23. Which particle is the mediator of the electromagnetic force?  
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### Certificate of Completion

2018-2019

This is to certify that Mr/Ms..... SIVA A .....

Year.....I..... Department.....S&H..... has successfully Completed the Value added course.

COURSE TITLE: NUCLEAR & PARTICLE PHYSICS .....

SCORE: .....88.....

COURSE DURATION: 9-8-18 to 14-8-18 .....

P. S. Seenuvasamurthy.....  
HOD



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