

**Sub.Code: P21Z1SE1**

**GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)**  
**KUMBAKONAM**

**M.Sc., DEGREE EXAMINATIONS – FEBRUARY – 2022 (NOVEMBER – 2021)**

**ENGLISH GRAMMAR FOR COMMUNICATION &  
SCIENTIFIC WRITING**

**Time : 2 Hrs.**

**Maximum : 75 Marks**

**Section –A (60×1=60)**

**Answer ALL the Questions**

1. Why are the coral reefs important?  
a) Assertive    b)Interrogative    c)Imperative    d)Exclamatory
2. The insect rolled slowly into the ground.  
a) Assertive    b)Interrogative    c)Imperative    d)Exclamatory
3. Will you do the experiment?  
a) Assertive    b)Interrogative    c)Imperative    d)Exclamatory
4. Find the subject Invertebrates lack vertebrae.  
a) Invertebrates    b)lack    c)vertebrae    d) None of the alone
5. Which is an exclamative sentence?  
a) He's so cute!    b)Isn't he cute?    c) How cute he is!    d)He is Cute
6. Which one is exclamatory sentence?  
a) Fish are vertebrates    b)Do fish breathe air?  
c)Please avoid plastics.    d)What an awesome jump of stingray!
7. Which of these sentence types often begins with the subject?  
a) Declarative    b. imperative    c. exclamative    d. Interrogative
8. Never forget to do that again.  
a) Assertive    b)Interrogative    c)Imperative    d)Exclamatory
9. We use the exclamative form to  
a. express strong opinions    b. ask questions    c. make statements  
d. declare a message
10. Statements usually end with  
a) a question mark    b. a full-stop/period  
c. an exclamation mark/point    d.hyphen
11. Which is the subject? Reptiles are cold-blooded vertebrates.  
a) Reptiles    b)are    c)cold-blooded    d) vertebrates
12. Find the verb Frogs live in both water and land  
a) Frogs    b)live    c)in both    d)water and land
13. Always remember what the teacher told you.  
a) Assertive    b)Interrogative    c)Imperative    d)Exclamatory
14. The imperative form can be  
a. give instructions    b. express surprise    c. make statements    d.ask questions
15. The verb means  
a) the actor of the sentence, the person or thing doing the action.  
b) the 'doing word', the action of the sentence.

- c) the element of the sentence that is acted on, that the verb is directed towards.
- d) None of the above
16. The word Mitochondria is  
 a) Singular b) Plural c) Both singular and plural  
 d) Neither singular nor plural
17. Identify the verbs  
 Mitochondria are surrounded by a double-membrane system, consisting of inner and outer mitochondrial membranes separated by an intermembrane space  
 a) surrounded b) are surrounded c) are surrounded, separated  
 d) are surrounded, consisting, separated
18. Fill in the blanks with a suitable pronouns  
 An autotroph is an organism that Produces \_\_\_\_\_ own food \_\_\_\_\_  
 a) Its and itself b) By and by self c) Them and themselves  
 d) Its and themselves
19. Identify the adjectives - In muscular dystrophy, defective genes interfere with the production of proteins necessary for healthy muscle development.  
 a) Defective and necessary b) Defective and healthy  
 c) Defective and interfere d) Defective and development
20. Pores in the nuclear membrane allow for the passage of molecules in \_\_\_ out of the nucleus.  
 a) not b) but c) and d) what
21. How many pronouns are there in this statement?  
 “Certain microorganism live in the intestinal tract of animals and they help in digestion, immunity of their hosts. Such microorganisms are called probiotics”  
 a) 2 – they and their b) 1 – they c) 1 – their  
 d) 3 – they, their and such
22. Identify the conjunction in - Fish do not actually produce omega-3 fatty acids, but instead accumulate them from either consuming microalgae that produce these fatty acids.  
 a) but b) instead c) from d) that
23. Choose the correct helping verb  
 The number of mitochondria in a cell \_\_\_\_\_ vary widely by organism, tissue, and cell type.  
 a) can b) have c) had d) has
24. What is the role of if in - If the allele A is present on the chromosome, protein A is produced, and the red blood cells of that individual contain protein A on their membrane.  
 a) Verb b) Adverb c) Conjunction d) interjection
25. Identify the adjective – Linkage ensures the continuity of the parental trait in the offspring  
 a) Linkage b) Parental c) Trait d) offspring
26. Identify the action verbs  
 a) Governed, vary b) Vary, are c) Are, governed d) Are, of

27. Identify the adverb - The enzymes that catalyze digestion are very potent chemicals.  
 a)potent      b)that      c)very      d)catalyse
28. The ability of bacteria to conduct respiration in host cells \_\_\_\_\_ a considerable evolutionary advantage.  
 a)would have provided      b)will have provided      c)must have provided  
 d)provided
29. Fill with suitable conjunction- Offspring who have different alleles of a gene are described as heterozygous ----- those that have genotypes made of the same alleles (i.e. of a gene for a particular trait) are described as homozygous.  
 a)Whereas      b)If      c)But      d)Since
30. Identify the adjective - A hereditary disease is often described as something that “runs in the family.” It is passed down from one or both parents to a child.  
 a)runs      b)hereditary      c)down      d)both
31. Past continuous tense denotes  
 a)Subject + past tense of the main verb  
 b)Subject + was/were + main verb+ing  
 c)Subject + had + past participle  
 d)Subject + had+ been + main verb+ing
32. Rover had eaten the pie  
 a)Simple past      b)Past continuous      c)Past perfect      d)Past perfect continuous
33. We play tennis every morning.  
 a)Simple present      b)Present continuous      c)Present perfect  
 d)Present perfect continuous
34. He is reading various kinds of books.  
 a)Simple present      b)Present continuous      c)Present perfect  
 d)Present perfect continuous
35. I will meet him later  
 a)Simple future      b)Future continuous      c)Future perfect  
 d)Future perfect continuous
36. Future perfect continuous tense denotes  
 a)Subject + will + main verb      b)Subject + will + be + main verb+ing  
 c)Subject + will+ have+ past participle  
 d)Subject + will+have+ been + main verb+ing
37. Martha had been walking three miles a day before she broke her leg.  
 a)Simple past      b)Past continuous      c)Past perfect  
 d)Past perfect continuous
38. The Martians landed near the aqueduct.  
 a)Simple past      b)Past continuous      c)Past perfect  
 d)Past perfect continuous
39. He \_\_\_\_\_ not want to go to the movies.  
 a)do      b)does      c)is      d)has
40. I will have finished this book.  
 a)Simple future      b)Future continuous      c)Future perfect  
 d)Future perfect continuous

41. Julie \_\_\_\_\_ living in Italy since May.  
 a) have being      b) is been      c) has been      d) was
42. They are playing football now.  
 a) Simple present      b) Present continuous      c) Present perfect  
 d) Present perfect continuous
43. We were painting the door  
 a) Simple past      b) Past continuous      c) Past perfect  
 d) Past perfect continuous
44. At five o'clock, I will have been waiting for thirty minutes.  
 a) Simple future      b) Future continuous      c) Future perfect  
 d) Future perfect continuous
45. Sofie had finished her work.  
 a) Simple past      b) Past continuous      c) Past perfect  
 d) Past perfect continuous
46. Crops \_\_\_\_\_ by honey bees.  
 a) pollinate      b) pollinated      c) are pollinated      d) have been pollinated
47. Male horses have \_\_\_\_\_ teeth than their female counterparts.  
 a) more      b) many      c) much      d) most
48. Melanin protects the skin from ultra-violet radiation in sunlight – write the statement in passive voice.  
 a) Sunlight is protected by melanin in ultra-violet radiation.  
 b) Sunlight is protected from ultra-violet radiation by melanin.  
 c) Skin is protected by melanin from ultra-violet radiation in sunlight.  
 d) Skin protects melanin from ultra-violet radiation in sunlight.
49. A crow is ..... than a peacock.  
 a) Clever      b) Cleverer      c) Cleverest      d) More clever
50. Combine the following sentences.  
 ATP synthase is an enzyme. It is a proton pump.  
 a) ATP synthase is an enzyme but it is a proton pump.  
 b) ATP synthase an enzyme is a proton pump.  
 c) ATP synthase is an enzyme and is a proton pump.  
 d) ATP synthase is an enzyme, a proton pump.
51. Albinism \_\_\_\_\_ the survivability of an animal.  
 Survivability of an animal \_\_\_\_\_ by albinism.  
 a) reduces, is reduced      b) reduced, is reduced  
 c) reduces, was reduced      d) is reduced, reduced
52. Combine the following sentences.  
 Electron transport chain has Complexes I, III, and IV. They are proton pumps.  
 a) Complexes I, III, and IV are in electron transport chain and are proton pumps.  
 b) Complexes I, III, and IV of the electron transport chain are proton pumps.  
 c) Complexes I, III, and IV of the electron transport chain but are proton pumps.  
 d) Complexes I, III, and IV of the electron transport chain have proton pumps.
53. The world's oldest known breed of domesticated dog dates back to 329 BC.  
 a) Old      b) Older      c) Oldest      d) Most old
54. Because of their pollinating activities \_\_\_\_\_ honey-bees are the most economically important insects on earth.  
 a) ,      b) –      c) :      d) /

55. Mitochondria are also called \_\_\_\_\_ of the cell.  
 a)'the powerhouse' b)[the powerhouse] c)-the powerhouse, d)(the powerhouse)
56. Most animals above the level of cnidarians and flatworms have a complete digestive tract; i.e. \_\_\_ a tube with two openings—a mouth and an anus.  
 a), b).. c): d),
57. Combine the following sentences using appropriate conjunctions.  
 Phosphatidylserine is normally found on the inner leaflet surface of the plasma membrane. It is redistributed during apoptosis to the extracellular surface.
- Phosphatidylserine is normally found on the inner leaflet surface of the plasma membrane and is redistributed during apoptosis to the extracellular surface.
  - Phosphatidylserine is normally found on the inner leaflet surface of the plasma membrane, but is redistributed during apoptosis to the extracellular surface.
  - Phosphatidylserine is normally found on the inner leaflet surface of the plasma membrane since it is redistributed during apoptosis to the extracellular surface.
  - Phosphatidylserine is normally found on the inner leaflet surface of the plasma membrane where it is redistributed during apoptosis to the extracellular surface.
58. The comparative degrees for 'Dead' are  
 a)Deader, deadeast b)More dead, most dead c)Deadier, deadiest  
 d)None of the above
59. What is a genetic disease?  
 a)? b), c). d)–
60. The \_\_\_\_\_bird is the two-inch-long bee hummingbird.  
 a)small b)smaller c)more smaller d)smallest

**Section – B (3×10=30)**

**Answer any THREE Questions**

61. Write a sample letter to your Head of the Department requesting chemicals for your research project.
62. What are the components of a scientific report? Write brief notes on them.
63. What is the purpose of an introduction in a scientific report?
64. Write brief notes on the selection of a journal for publishing a research article.
65. What is a bibliography? Comment on the importance of it in a research article writing.

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