



GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)

(Deemed to be University)

(Estd. u/s 3 of the UGC Act, 1956), NAAC Accredited with 'A+' Grade
Visakhapatnam | Hyderabad | Bengaluru

GITAM Institute of Pharmacy

PhD Entrance Test 2020-21

Model-Question paper

Duration: 2 hours

Max Marks: 140

Note : This is a sample paper. The main examination paper will be online and consists of 35 questions each in section A and section B

Section A: Research Methodology

1. What may not be considered as a good research objective if
 - a. Presented briefly and concisely
 - b. Presented logically
 - c. Restrictions in the use of action verbs
 - d. All the above
2. Preliminary data collection is a part of
 - a. Descriptive research
 - b. Applied research
 - c. Explanatory research
 - d. Exploratory research
3. A literature review requires
 - a. Planning
 - b. Good writing
 - c. Lot of re-writing
 - d. All the above
4. The mean of a distribution is 14 and standard deviation is 5. What is the value of co-efficient of variation?
 - a. 60.4%
 - b. 48.3%
 - c. 35.7%
 - d. 27.8%
5. 25 children are chosen randomly from a school ground. Their heights are measured when they come into school the next morning and again just before they go home in the evening. What statistical test could be used to test the hypothesis that their morning heights are no different from their evening heights.
 - a. Paired t-test
 - b. Z-test
 - c. Unpaired t-test
 - d. Regression

6. Plagiarism can be avoided by
- Copying the work of others accurately
 - Paraphrasing the author's text in your own words
 - Cut and pasting from the Internet
 - Quoting directly without revealing the source
7. If you file provisional specification, the complete specification is required to be filed within
- 10 months
 - 12 months
 - 18 months
 - 24 months
8. The factorial design provides an opportunity to study the _____ of two treatment variables
- Joined effect
 - Combined effect
 - Interaction effect
 - Separate effect
9. When referencing other works you have cited within the text of the report you should
- State the first and last name of the author
 - Use the author, date citation method
 - Use an asterisk and a footnote
 - Insert the complete citation in parenthesis.
10. The abstract should be about how many words?
- 50
 - 75
 - 120
 - 300

Section B: Pharmaceutics

1. The Latin term 'Unguentum' means
- Paste
 - Nasal drops
 - Ointment
 - Pain-balm
2. Infant doses can be calculated using:
- Young's formula
 - Fried's formula
 - Stokes's formula
 - Reynolds formula
3. This is the Latin term for 'Tablespoonful'
- Cochleare amplum
 - Cochleare magnum
 - Cochleare maximum
 - All of the above

4. As per Drugs and Cosmetic Act, What is Schedule S?
- Standards for poisons
 - Standards for cosmetics
 - Standards for Ophthalmic preparations
 - Life period of drugs
5. As per ethics, pharmacist should never offer the following advertisement
- Any scheme
 - Guarantee for therapeutics
 - Refund of money paid by patient
 - All of the above
6. The requirement for import and manufacture of new drugs as per the Drugs & Cosmetics rules is given under schedule
- N
 - Y
 - A
 - B
7. Schedule N represents
- Pack size of drugs
 - Standards for cosmetic
 - List of drugs of generic names
 - List of minimum equipments for running of pharmacy profession
8. Pharmacy act was established in _____
- 1948
 - 1940
 - 1995
 - 1919
9. ISO stands for _____
- International Society for Organizations
 - International Organization for Standardization
 - International Standards for Organization
 - None of the above
10. Indian drug regulatory agency is _____
- FDA
 - TGA
 - CDSCO
 - ICH