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 School of Gandhian Studies
Department of Humanities and Social Science
PhD Entrance Test 2020-21
Developmental Studies - 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. Experimental Research Deals with
   a. Variables
   b. Controls
   c. Scientific inferences
   d. All of the Above

2. A research should be
   a. Objective
   b. Valid
   c. Reliable
   d. All of the Above

3. Generally the data of the research is
   a. Quantitative only
   b. Qualitative only
   c. Both A and B
   d. None of the above

4. Cross-sectional research are fundamentally related with
   a. Sample
   b. Statistics
   c. Tendencies
   d. Eugenics

5. Synopsis of a research is

a. Blueprint of research
b. Summary of research
c. Extract of research
d. A plan of research

6. Etymological meaning of the term hypothesis is
   a. The statement tentative to verification
   b. The statement leads to prediction
   c. The statement giving tentative solution
   d. None of the above

7. The basis of the formulation of hypothesis is
   a. Observation
   b. Reflection
   c. Deduction
   d. All of the above

8. Independent variable is the variable which can be manipulated by the
   a. Researcher
   b. Subject
   c. Supervisor
   d. Confederate

9. If a researcher rejects a null hypothesis it shows
   a. The difference is existed between two variables under consideration
   b. The difference is not existed between two variables under consideration
   c. The difference may exist or not exist between two variables under consideration
   d. None of the above

10. A good sample has the quality of
    a. Representativeness
    b. Inadequacy
    c. Heterogeneity
    d. Cultural basis

Section B: Economics

1. Given the production function Q = 5 L0.7 K0.3, the returns to scale are measured as
   a. 0.7 + 0.3
   b. 0.7 - 0.3
   c. 0.7 x 0.3
   d. 0.7 / 0.3

2. The quantity theory of money is represented as Q = MV. PT. If the value of PT = Rs. 30 and M = Rs. 10 then what is the value of V?
    a. Rs. 40
    b. Rs. 3
    c. Rs. 20
    d. Rs. 300

3. What is the rank of India according to HDR, 2020?
    a. 129
    b. 130
    c. 131
    d. 132

4. Domar assigned dual role to which of the following component in his growth model
    a. Saving
    b. Consumption
    c. Rate of interest
    d. Investment

5. What is the basic effect of a tariff?
    a. It raises price in Home country and lowering price in Foreign country
    b. It decreases price in Home country and increases price in Foreign country
    c. It increases price in Home country only
    d. It decreases price in Foreign country only

6. Who is the current WTO director general?
    a. Roberto Azevedo
    b. Pascal Lamy
    c. Supachai Panitchpakdi
    d. Ngozi Okonjo-Iweala

7. What is the main objective of "One Nation One Ration" card system?
    a. To provide nationwide portability of ration card
    b. To provide nationwide portability of aadhar card
    c. To provide nation wide portability of kisan card
    d. To provide nation wide portability of health card

8. Which body recommends the sharing of taxes between union and state governments
    a. Planning commission
    b. Finance commission
    c. RBI
    d. NITI Aayog

9. Which is a unit free measure of dispersion?
   a. Standard deviation
   b. Mean deviation
   c. Coefficient of variation
   d. Quartile deviation

10. In a time series analysis which property assumes that mean and variance are constant over time
   a. Stationary stochastic process
   b. Non-stationary stochastic process
   c. Unit-root stochastic process
   d. Integrated stochastic process