

SEAT NO. : _____

SUPERVISOR's SIGN.: _____

**UNIVERSITY OF MUMBAI'S'S
GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
P.G. DIPLOMA IN AGRI BUSINESS MANAGEMENT
(PGDABM)
ENTRANCE EXAM**

DATE: 27-Jul-16

TIME : 11.00AM TO 12.00 NOON

MARKS : 50

NOTE:

- Do not carry your mobile in the examination hall
- Figures to the right indicates marks
- Two marks are reserved for neatness.

- Q.1] What is Agribusiness Management? [2]
- Q.2] What is Dr. M. s. Swaminathan? [2]
- Q.3] Which Day is known as International Youth Day? [2]
- Q.4] When is International Malada Day? [2]
- Q.5] Where is longest & deepest rail tunnel? What is its length? [2]
- Q.6] Which three countries have signed an agreement on Trilateral Transit and Transport Corridor? [2]
- Q.7] Who won the Indian Biodiversity Award for the year 2016? [2]
- Q.8] Who is the founder of Micro-finance system? [2]
- Q.9] Which is the International literacy Day? [2]
- Q.10] Who is Minister for Agriculture for Maharashtra state? [2]
- Q.11] Answer in brief (Any Seven)
- A) Define Culture Practice. [4]
- B) Explain the Nutritional values of Banana spinach & Carrot. [4]
- C) What is Drip Irrigation? [4]
- D) What do you understand by 'Self-help groups' & their functioning? [4]
- E) What is organic farming? [4]
- F) What is tissue culture? [4]
- G) What is the importance of wheat in human in human diet? [4]
- H) What are the methods of planting? [4]
- I) What is the difference between 'Kharip crop & Hangami Crop'? [4]
- J) Write fully the National Anthem of India. [4]

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GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
P.G. DIPLOMA IN AGRI BUSINESS MANAGEMENT
(PGDABM)
ENTRANCE EXAM
SECOND ROUND**

DATE: 11-Jul-16

TIME : 11.00AM TO 12.00 NOON

MARKS : 50

NOTE:

- Do not carry your mobile in the examination hall
- Figures to the right indicates marks
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- Q.1] What is PGDABM ? [2]
- Q.2] Name Two major disease of mango [2]
- Q.3] Who won the Indian Biodiversity Award for the year 2016? [2]
- Q.4] When is International Malala Day? [2]
- Q.5] When is Kargil Day? [2]
- Q.6] Which day is known as International Youth Day? [2]
- Q.7] Who wrote the National Anthem of India? [2]
- Q.8] Name the Governor of Reserve Bank of India? [2]
- Q.9] Where is the world's longest & deepest rail tunnel? What is its length? [2]
- Q.10] Which three Countries have signed an Agreement on Trilateral Transit & Transport Corridor? [2]
- Q.11] Answer in brief (Answer Any 7)
- A) What are the methods of planting? [4]
- B] What is Organic Farming? [4]
- C] Define Culture Practice? [4]
- D] Explain the Nutritional values of Banana, Spinach & Carrot? [4]
- E] What is the Importance of Wheat in human diet? [4]
- F] What is Drip Irrigation? [4]
- G] What are the main reasons for soil degradation in North India? [4]
- H] What are the main reasons of increasing suicides of farmers in Maharashtra? [4]
- I] What is Microfinance? [4]
- J] Explain the National Flag of India? [4]
- K] Fully write the National Anthem of India? [4]

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UNIVERSITY OF MUMBAI
GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
P.G. DIPLOMA IN AGRI BUSINESS MANAGEMENT
(PGDABM)
ENTRANCE EXAM

DATE: 27-Jul-15

TIME : 11.00AM TO 12.00 NOON

MARKS : 50

- Q.1] What is 'Management of Business'? (2)
- Q.2] Explain the National Flag of India. (2)
- Q.3] What is Bio-Technology? (2)
- Q.4] What is Hydroculture? (2)
- Q.5] What is Microfinance? (2)
- Q.6] Who won the Nobel Peace Award for the year 2014? (2)
- Q.7] What is the new name of planning commission? (2)
- Q.8] Who is the Governor of Reserve Bank of India? (2)
- Q.9] Who is the Vice-President of India? (2)
- Q.10] What is McMohan Line? (2)
- Q.11] What is the National Emblem of India? (2)
- Q.12] What is the Highest honour of India? (2)
- Q.13] Who is the author of Wings of Fire? (2)
- Q.14] Which is the highest Gallantry Award? (2)
- Q.15] What are the fundamental rights of an Indian? (5)
- Q.16] Who did the first century in Test cricket? (2)
- Q.17] Who was the first Pilot of India? (2)
- Q.18] Who was the first President of India? (2)
- Q.19] Write the full forms of the following abbreviations. (10)
- i) VSSC ii) WTO iii) UNICEF iv) INSAT v) HIV
iv) DNA vii) CRR viii) NABARD ix) MODEM x) GICED

One mark is reserved for handwriting and neatness.

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UNIVERSITY OF MUMBAI
GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
P.G. DIPLOMA IN AGRI BUSINESS MANAGEMENT
(PGDABM)
ENTRANCE EXAM

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P.G. DIPLOMA IN AGRI BUSINESS MANAGEMENT
(PGDABM)
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- i) VSSC ii) WTO iii) UNICEF iv) INSAT v) HIV
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UNIVERSITY OF MUMBAI
GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
ENTRANCE EXAMINATION
P.G. DIPLOMA IN AGRI BUSINESS MANAGEMENT (PGDABM)

DATE : 25/07/2014

TIME : 9.00 AM TO 10.00 AM

MARKS : 50

- NOTE :-** 1. Write your Seat No. correctly.
2. Each questions carries Two marks.

Q.1] Which two companies have been granted a permission by Reserve Bank of India in April 2014 to set up Banks?

Q.2] Who is the present Governor of Reserve Bank of India?

Q.3] What the term FTZ stands for?

Q.4] Who presents the Union Budget in the Parliament?

Q.5] The average age of 8 members a committee is 40 years. If an old member of 55 years retires and a new member of 35 years is admitted, what is the average age of the present committee?

Q.6] Ajit is Vikram's brother Suhasini is Vikram's mother. Vishal is Suhasini's father. Vaijayanti is Vishal's mother. How Ajit is related to Vaijayanti?

Q.7] Find the odd one out from the given alternatives.

a] X – rays

b] Altra violet rays

c] Infrared rays

d] Radiowaves

Q.8] How many States are there in India?

Q.9] What is the slogan of Shri Narendraji Modi –PM of India?

Q.10] Name the Highest Ranked Indian Power company on forbes 2000 list?

Q.11] The PH of fresh ground water slightly decreases upon exposure to air because:-

- a) Carbon dioxide from air is dissolved in the water.
- b) Oxygen from air is dissolved in the water.
- c) The dissolved carbon dioxide of the groundwater escapes in to air.

Q.12] What is an Organic farming?

Q.13] Which of the following diseases is not a vector-borne disease?

- a) Polio
- b) Malaria
- c) Filariasis
- d) Leishmaniasis

Q.14] Low levels of HDL and High levels of LDL increase the risk of:

- a) Cancers
- b) Blood pressure
- c) Diabetes
- d) Coronary Heart disease

Q.15] What is a cloudburst?

Q.16] Which of the following lakes is the oldest in the world and is the deepest fresh water Lake?

- a) Lake Titicaca
- b) Lake Baikal
- c) Lake chillika
- d) Lake Superior

Q.17] When was the National Cyber security policy framed?

Q.18] The Sexual Harassment of women at workplace Act seeks to provide protection to women in

- a) Organised sector only.
- b) Unorganised sector only.
- c) Organised & unorganised sectors.

Q.19] Who was the first Governor – General of India?

Q.20] When was the first Round – table conference held?

Q.21] When are the kharif crops sown & harvested?

Q.22] Name the main crops of Maharashtra.

Q.23] What is Agri – Business Management?

Q.24] State the fundamental rights of Indians.

Q.25] Who was the first President of India?

UNIVERSITY OF MUMBAI
GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
P.G.DIPLOMA IN AGRI-BUSINESS MANAGEMENT
SECOND ROUND
ENTRANCE EXAM

DATE : 21-Aug-13

TIME : 11.00AM TO 12.00 NOON

MARKS : 50

NOTE :-

- ❖ 1 to 35 Questions carry 1 mark each.
- ❖ Q.No.36 carries 5 marks.
- ❖ Q.No.37 carries 2 marks each.

Q.1] Who is the Chief of the Defenceforce?
_____Q.2] What does Sindri manufactures?
_____Q.3] Who wrote the book “ Wings of Fire”?
_____Q.4] Who gave the slogan “Jai Jawan Jai Kisan”?
_____Q.5] What is the World Record for longest show on T.V?
_____Q.6] Who is the founder of Micro Finance Institute / System?
_____Q.7] Which corporate has recently decided to enter in to Aviation?
_____Q.8] Who was honoured Dadasaheb Phalke Award for the Year 2012?
_____Q.9] Which Airline Charges Passenger by weight?
_____Q.10] Which is the nearest plant of the sun?

Q.36] Describe / Explain the 'National Flag' of India

[5]

Q.37] Write the Full Forms of the following abbreviations.

[10]

- 1) CCEA
- 2) CISPA
- 3) DRDO
- 4) UNO
- 5) NCAER

Q.11] Where is Krishnaraja Sagar?

Q.12] Define " Green Revolution "?

Q.13] What is the Motto of International Cricket Council?

Q.14] Which State has developed " Dharma " an all weather Port?

Q.15] Which Bank Performs the functions of credit Control?

Q.16] What is the common property of functional language and programming language?

Q.17] Ranis weight is 25 % of that of Meera's & 40 % that of Ashwini. What % of Ashwini's weight is equal to Meera's weight?

Q.18] The income of A & B are in the ratio 2 : 3 and their expenditures are 1 : 2. If each saves Rs. 24000 /- , what is the income of A?

Q.19] By selling 60 articles a vendor gains the selling price of 15 articles. What is his gain percentage?

Q.20] Which two Public Sector Undertakings were granted the " Maharatna Status " by the Union Government of India in Feb 2013?

Q.21] Who is known as the 'Iron Man' of India?

Q.22] Which Indian has been conferred with the 'Life Time Achievement Award' by Ernst Young?

Q.23] Which car company has recently launched SUV segment vehicle 'Quanto' in India?

Q.24] Where is the Indian Institute of Sugarcane Research located?

Q.25] What is "Organic Food"?

Q.26] When is the new Anti-rape Law passed?

Q.27] What is the Literacy rate of India as per 2011 census?

Q.28] Who developed Polio Vaccine?

Q.29] Who is the new President of Bangla Desh?

Q.30] Name the US youngster who knows 23 language.

Q.31] Which Day is celebrated as 'Father's Day'?

Q.32] Which Day has been as the 'International Day against Drug Abuse & Illicit Trafficking'?

Q.33] Which newspaper has won four Pulitzer Prizes including the Award For Investigative Reporting?

Q.34] Who is Serena Williams?

Q.35] Name the new two earth-like planets recently discovered?

PGDABM

SEAT NO. : _____

UNIVERSITY OF MUMBAI
GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT
P.G.DIPLOMA IN AGRI-BUSINESS MANAGEMENT
ENTRANCE EXAM

DATE : 28/07/13

TIME : 9.00 AM TO 10.00 AM

MARKS : 50

NOTE :-

❖ 1 to 40 Questions carry 1 marks each.

Q.1] What is Agni II ?

Q.2] When is the new Anti-rape Law passed?

Q.3] Name the Indian City which launched the "Heat Action Plan" on 16th April 2013.

Q.4] What is the World Record for longest show on T.V?

Q.5] Name the First Asian Indian American Attorney General in U.S.?

Q.6] Who is the Founder of Micro-Finance Institute / System?

Q.7] Who is the Winner of Jnanpith Award for the year 2012?

Q.8] Who was honoured with Dadasaheb Phalke Award for the year 2012?

Q.9] Which two companies in India earned the Award for Excellence in Corporate Governance?

Q.10] Which Airline Charges passengers by weight?

Q.11] Who won the "Family Circle Cup" in 2013 in the sport of Tennis?

Q.12] Who recently became the first woman Special Director General for CRFF?

Q.13] Which country is the largest exporter of Rice?

Q.14] Which is the nearest planet of the Sun?

Q.15] Who is honoured as the Daughter of UN ?

Q.16] Name the Iran Lady who passed away on 8th April 2013 in London?

Q.17] Which Research Centre in India is developing largest magnet weighing 50,000 tonnes?

Q.18] Which two PSU s were granted the "Maharatna Status" by the Union Government of India in Feb 2013?

Q.19] Which "Compost Plant" become first in India to receive carbon credits worth Rs. 25 lakhs from the United Nations-framework Convention on climatic change?

Q.20] Which Indian has been conferred with the "Life Time Achievement Award" by Ernst Young?

Q.21] Where the researchers in the third week of Feb 2013 , detect water traces inside the crystalline structure?

Q.22] Name the First Instrument used by the Post & Telegram Dept. in India.

Q.23] In India the Commercial Banks are given license of operation by --

- A) The Government of India
- B) The Ministry of Finance
- C) The Reserve Bank of India
- D) Banking Companies Regulation Act 1949

Q.24] EPCG denotes --

- A) Export Potential & Credit Guarantee
- B) Earning Promotion & Credit Guarantee
- C) Export Promotion & Credit Guarantee
- D) Export Potential & Credit Goods

Q.25] Which one is not an important objective of Financial Management?

- A) Profit Maximization
- B) Wealth Maximization
- C) Value Maximization
- D) Maximization of Social Benefits

Q.26] Which one is not an International Organisation?

- A) SAARC
- B) ASEM
- C) ASEAN
- D) CBBT

Q.27] The common property of functional language and logical programming language is-

- A) Both are declarative
- B) Both are procedural
- C) Both are functional
- D) Both are based on Z-calculus

Q.28] The mechanism that binds code and data together and keeps them secure from outside world is known as-

- A) Abstraction
- B) Inheritance
- C) Encapsulation
- D) Polymorphism

Q.29] Data warehouse provides-

- A) Transaction Responsiveness
- B) Demand & Supply Responsiveness
- C) Storage functionality Responsiveness to queries
- D) None of the above

Q.30] Which state has the largest urban population in India?

Q.31] Which car company has recently launched SUV segment vehicle 'Quanto' in India?

Q.32] Who is the first woman speaker of Lok Sabha in India?

Q.33] Where is the Indian Institute of Sugarcane Research located?

Q.34] Which company launched a motorbike 'Dream Yuga'?

Q.35] Thomas Cup is associated with which sport?

Q.36] Telecom giant 'Nokia' comes from which country?

- Q.37] A person bought 50 pens for Rs.50 each. He sold 40.of them at a loss of 5%. He wants to gain 10% on the whole. Then gain percent on the remaining should be-
- A) 15
 - B) 40
 - C) 50
 - D) 70

- Q.38] The average of the three numbers X,Y and Z is 45. X is greater than the average of Y and Z by 9. The average of Y and Z is greater than Y by 2, The differences of X and Z is-
- A) 3
 - B) 5
 - C) 7
 - D) 11

- Q.39] Which one of the following is a one dimensional figure- ?
- A) Bar diagram
 - B) Pie-chart
 - C) Cylinder
 - D) Graph

- Q.40] Which one of the following is a measure of Central tendency?
- A) Standard Deviation
 - B) Mean Deviation
 - C) Quartile Deviation
 - D) Median

Q.41] Write the Full Form of the following abbreviations.

[10]

1) NCAER - _____

2) CACP - _____

3) CSO - _____

4) NABARD - _____

5) SEZ - _____

University of Mumbai
Garware Institute of Career Education and Development
Entrance Examination for Post Graduate Diploma in Agri - Business Management
(2 years full time course)

Date of Examination: 22nd July 2012

Time: 11:00 to 12:00 hrs

Name of the candidate

Seat No.....

Total marks 100

Important Instructions:

- i Attempt all questions
- ii All questions carry equal marks
- iii mark the right option among the options given, there is no negative marking for wrong answers
- iv Separate sheet is provided for rough work if any
- v **PI submit the rough sheet along with original paper while leaving the exam hall**

- 1 The percentage of profit earned by selling an article for Rs 1920 is equal to the percentage of loss incurred by selling the same article for Rs 1280. At what price should the article be sold to make 25 % profit?
A Rs 2000 B Rs 2200 C Rs 2400 D Data insufficient
- 2 On selling 17 balls at Rs 720 , there is a loss equal to the cost price of 5 balls . What is the cost price of the ball?
A Rs 45 B Rs 55 C Rs50 D Rs 60
- 3 A Farmer took the loan from the bank at the rate of 12 p.a. simple interest . after 3 years he had to pay Rs 5400 only for the period. The principle amount borrowed by him was :
A Rs 2000 B Rs 10,000 C Rs 15,000 D Rs 20,000
- 4 A trader mixes 26 kg of rice at Rs 20 per kg with 30 kg of rice of other variety at Rs 36 per kg and sells the mixture at Rs 30 per kg. his profit percent is ;
A No profit no loss B 5 % C 8 % D 10 %
- 5 When a plot is sold for Rs 18700 the farmer losses 15 % . At what price must that plot be sold in order to gain 15 %
A Rs 21000 B Rs 22500 C Rs 25300 D Rs 25800
- 6 Central Soil Salinity Research Institute is located at -
A Karnal B Bihar C Dehradun D Jodhpur
- 7 Potassium chloride contains K -
A 18 % B 48 % C 44 % D 60 %
- 8 Among the following crop rotations, which is good for in creasing soil Nutrient status?
A Rice-Wheat B Ground -Wheat C Pearl millet-Wheat D Sorghum-Wheat
- 9 Biofertilisers are :
A Organic manures B Green manures C Culture of micro-organisms D None of these

98A99

- 10 Ratna is a variety of
A Wheat B Barley C Maize D Rice
- 11 Which of the following is not an agricultural product ?
A Alum B Cotton C Jute D Rice
- 12 Crop rotation helps to:
A lessen use of pesticides B yield more crops C produce a greater choice of plant products D Eliminate parasites which have selective hosts
- 13 In Jute growing areas the usual alternate crop is
A Cotton B Wheat C Sugarcane D Rice
- 14 Neelum is a variety of
A Grape B Papaya C Mango D Apple
- 15 The Commission of Agricultural Costs and Prices fixes the
A Support price B Wholesale Price C Retail price D None of these
- 16 Water use efficiency is the highest in case of -
A Border irrigation B Drip irrigation C Sprinkler irrigation D Flood irrigation
- 17 Blue colour tag is issued for
A Foundation seed B Certified Seed C Nucleus Seed D
- 18 Damaging stage of potato tuber moth is -
A Adult B Pupa C Larva D All of these
- 19 Which of the following is complex fertilizer?
A Ammonium Sulphate Nitrate B Single Super Phosphate C Ammonium Phosphate D Calcium Ammonium Nitrate
- 20 Prabhat is a early short duration variety of :
A Black gram B Red gram C Green gram D Gram
- 21 Soil fertility is reduced due to :
A Over irrigation B Poor drainage C Imbalanced use of fertilizers D Continuous cropping
- 22 Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?
A 1/3 B 1/8 C 2/8 D 1/16
- 23 Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?
A 7 B 10 C 12 D 13
- 24 Look at this series: 21, 9, 21, 11, 21, 13, 21, ... What number should come next?
A 14 B 15 C 21 D 23
- 25 Blueberries cost more than strawberries.
Blueberries cost less than raspberries.
Raspberries cost more than both strawberries and blueberries.
If the first two statements are true, the third statement is
A True B False C Uncertain
- 26 Mara runs faster than Gail.
Lily runs faster than Mara.
Gail runs faster than Lily.
If the first two statements are true, the third statement is

- A True B False C Uncertain
- 27 During the past year, Ram saw more movies than Shyam. Shyam saw fewer movies than Deepak. Deepak saw more movies than Ram. If the first two statements are true, the third statement is
- A True B False C Uncertain
- 28 All the offices on the 9th floor have wall-to-wall carpeting. No wall-to-wall carpeting is pink. None of the offices on the 9th floor has pink wall-to-wall carpeting. If the first two statements are true, the third statement is
- A True B False C Uncertain
- 29 Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?
- A Brother B Uncle C Cousin D Father
- 30 Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?
- A Brother B Nephew C Uncle D Son-in-law
- 31 Pointing to a photograph. Bajpai said, "He is the son of the only daughter of the father of my brother." How Bajpai is related to the man in the photograph?
- A Nephew B Brother C Father D Maternal Uncle
- 32 The Police academy is located at :
- A Bangalore B Hyderabad C Abu Road D Dehradun
- 33 National Institute of Aeronautical Engineering is located at :
- A Dehradun B Lucknow C Bangalore D Kanpur
- 34 Golden temple is situated at:
- A New Delhi B Agra C Amritsar D Mumbai
- 35 The National Institute of Community Development is located at :
- A Chennai B Pantnagar C Hyderabad D Bangalore
- 36 The famous Rock garden is located in which city?
- A Jaipur B Lucknow C Simla D Chandigarh
- 37 Presently who is the Dy Chairman of the Planning Commission of India
- A Dr Manmohan Singh B Dr Mungekar C Dr C Rangarajan D Montek Singh Aluwalia
- 38 Which of the gas is not known as green house gas?
- A Methane B Nitrous Oxide C Carbon-dioxide D Hydrogrn
- 39 Who was known as Iron man of India?
- A Subhash Chandra Bose B Jawaharlal Nehru C Govind Vallabh Pant D Sardar Patel
- 40 Who headed the committee on 'computerization' in Indian Banks(1988)?
- A C Rangarajan B R N Malhotra C S. Venkitramanan D M.Narasimhan
- 41 Dr. Zakir Hussain was
- A the first Muslim president of India B the first Muslim vice president of India C first president of Indian National Congress D first speaker of Lok Sabha

- 42 January 15 is celebrated as the
- A Republic Day B Republic Day C Teachers' Day D Army Day
- 43 World Human Rights Day is observed on
- A April 8 B December 10 C December 7 D September 5
- 44 World Literacy Day is observed on
- A September 5 B August 6 C September 8 D October 24
- 45 The birthday of which of the leader in India is observed as Children's day?
- A Mahatma Gandhi B S Radhakrishnan C Rajiv Gandhi D Jawaharlal Nehru
- 46 Presently who is the Minister for Home in India
- A Pranab Mukharjee B Shivraj Patil C P Chitambaram D Kapil Sibbal

Form the sentences from the words given below and select the correct answer among the options given in the form of figures.

- 47 1 him 2 the 3 to 4 change 5 Handover
- A 42531 B 51342 C 41352 D 45231 E 52431
- 48 1 bag? 2 you 3 seen 4 have 5 My
- A 51432 B 43512 C 42351 D 42153 E 21435
- 49 1 was 2 and 3 suresh 4 kind 5 loving
- A 31425 B 54213 C 34251 D 15243 E 12345
- 50 1 tea 2 have 3 that 4 some 5 before
- A 43251 B 24315 C 24153 D 52431 E 41325

— x —

PGDABM

UNIVERSITY OF MUMBAI
GARWARE INSTITUTE OF CAREER EDUCATION AND DEVELOPMENT
POST GRADUATE DIPLOMA IN AGRI BUSINESS MANAGEMENT
ENTRANCE TEST

Date: 24/07/2011

Time : 11.00 am – 12.00 pm

Marks : 50

NOTE: Write Your Seat Number On Answer Sheet.

Answer any 50 questions by ticking (✓) on the ANSWER SHEET. You have a choice to answer all 60 questions.

Best 50 will be given marks. Wrong answers will not attract negative marking.

Rough work should not be done on ANSWER SHEET. A blank page is enclosed for rough work.

- 1) What is the percentage of Nitrogen in DAP?
 - a) 17%
 - b) 18%
 - c) 19%
 - d) 20%
- 2) Agricultural Insurance Company of India LTD. is under administrative control of which ministry of Government of India?
 - a) Ministry of Finance
 - b) Ministry of Agriculture
 - c) Ministry of Corporate Affairs
 - d) None of the above
- 3) West Coast Tall is a variety of which plantation crop?
 - a) Coconut
 - b) Papaya
 - c) Banana
 - d) Chikoo
- 4) Heterosis a term used in genetics & selective breeding is most widely used for which crop?
 - a) Jowar
 - b) Maize
 - c) Rice
 - d) Sugarcane
- 5) Which one of the following country is in talks with EU and IMF to exit from debt crisis?
 - a) Spain
 - b) Turkey
 - c) Greece
 - d) Portugal
- 6) Reverse Ratio is used by RBI to-
 - a) inject liquidity
 - b) absorb liquidity
 - c) increase liquidity with bank system
 - d) keep the liquidity at one level
- 7) Which country ranks first in production of Mushrooms in the world?
 - a) Indonesia
 - b) China
 - c) Nepal
 - d) Japan



- 8) Pepsico started contract farming in Guntur district of Andhra Pradesh for preparation of-
 - a) Tomato Puree
 - b) Basmati Rice
 - c) Sunflower Oil
 - d) Groundnut Butter
- 9) Yuan is the currency of which country?
 - a) Japan
 - b) Indonesia
 - c) Myanmar
 - d) China
- 10) Which banana growing state has highest productivity (yield/ha)?
 - a) Maharashtra
 - b) Gujrat
 - c) Karnataka
 - d) Kerela
- 11) A field of work in which people aim to improve the access of rural communities to efficient, sustainable financial services is known as or categorized as -
 - a) Agricultural Finance
 - b) Rural Finance
 - c) Micro Finance
 - d) Financial Institution
- 12) More than 40 percent of the 197 private sugar mills in India are located in which state?
 - a) Tamil Nadu
 - b) Maharashtra
 - c) Andhra Pradesh
 - d) Uttar Pradesh
- 13) What percentage of total cultivable area in India is under Horticultural crops?
 - a) 10 percent
 - b) 11 percent
 - c) 12 percent
 - d) 13 percent
- 14) Central Institute of Post-Harvest Engineering & Technology is located at -
 - a) Bangalore
 - b) Ludhiana
 - c) Bhopal
 - d) Hyderabad
- 5) Mid Day Meal scheme -
 - a) is a centrally funded & largest school scheme in the world
 - b) provides each child in Government & Government aided school a minimum of 300 calories
 - c) provides lunch to about 120 million children
 - d) None of the above
- 7) Minimum Support Prices of crops are recommended by -
 - a) planning commission of India
 - b) commission for agricultural costs & prices (CACPF)
 - c) finance commission of India
 - d) agricultural ministry

17) Hedging & Speculation in Forex markets –

- a) are opposite activities
- b) are parallel activities
- c) same activities
- d) wrong activities

18) Thirteenth finance commission is headed by –

- a) Dr. Rangarajan
- b) Dr. Suresh Tendulkar
- c) Dr. Vijay Kelkar
- d) Dr. C. H. Hanumantha Rao

19) How many mango trees will be accommodated with a spacing of 5.0m into 5.0m in an area of one hectare?

- a) 400trees/ha
- b) 750trees/ha
- c) 800trees/ha
- d) 850trees/ha

20) What is the average yield per lactation in buffalo?

- a) 1200kg
- b) 1400kg
- c) 1250kg
- d) 1350kg

21) At present, per capita availability of milk in India is about –

- a) 200gms/day
- b) 205gms/day
- c) 210gms'/day
- d) 225gms/day

22) Plants synthesis protein from –

- a) starch
- b) sugar
- c) amino acids
- d) fatty acids

23) Which of the following is a military alliance?

- a) NATO
- b) NAFTA
- c) EEC
- d) ASEAN

24) Who was the first ODI captain of India?

- a) Ajit Wadekar
- b) Bishen Singh Bedi
- c) Nawab Pataudi
- d) Vinoo Mankad

25) $1397 \times 1397 = ?$

- a) 1951609
- b) 1981709
- c) 18362619
- d) 2031719

26) Arrange the words given below in a meaningful sequence.

1. Key 2. Door 3. Lock 4. Room 5. Switch On

- a) 5,1,2,4,3
- b) 4,2,1,5,3
- c) 1,3,2,4,5
- d) 1,2,3,5,4

27) Choose the word which is different from the rest.

- a) Chicken
- b) Snake
- c) Swan
- d) Crocodile

28) In the last one decade, which one among the following sectors has attracted the highest FDI inflows into India?

- a) Chemicals other than fertilizers
- b) Service sector
- c) Food processing
- d) Telecommunication

29) The United Nations Conference on Trade And Development (UNCTAD) is located at which of the following place?

- a) Geneva
- b) Rome
- c) Paris
- d) Vienna

30) Which hindi bollywood film won the National Award for the year 2011 in Best Popular Film category?

- a) Dabangg
- b) Golmaal 3
- c) Rajneeti
- d) My Name is Khan

31) Many a times we hear about GM food. What is the full form of the term GM?

- a) Globally Marketed
- b) Genetically Modified
- c) Greenwich Method
- d) General Motors

32) British Petroleum buys some stake in Reliance Gas Blocks in recent months. What is the percentage of that buyout?

- a) 30%
- b) 40%
- c) 50%
- d) 60%

33) Who is the owner of social networking site FACEBOOK?

- a) Jeff Thompson
- b) Andrew Merkel
- c) Mark Zuckerberg
- d) Mark Roseberg

34) The first woman chief of IMF?

- a) Ms. Christine Lagarde
- b) Ms. Christine Lampard
- c) Ms. Christine Loggard
- d) Ms. Christina Aguilera

- 35) Who will be the next Indian Ambassador to USA after Meera Shankar?
- Nirupama Rao
 - Shivshankar Menon
 - S. Jaishankar
 - Ranjan Mathai
- 36) Which of the following is the most liquid?
- cash
 - debentures
 - shares
 - gold
- 37) The mean of first five prime number is -
- 5.6
 - 3.6
 - 6.83
 - 5.2
- 38) Jayesh is as much younger to Anil as he is older to Prashant. If the sum of the ages of Anil & Prashant is 48 years, what is the age of Jayesh?
- 20 years
 - 24 years
 - 30 years
 - cannot be determined
- 39) The irrational number between 2 and 3 is -
- $\sqrt{2}$
 - $\sqrt{3}$
 - $\sqrt{5}$
 - $\sqrt{11}$
- 40) The optimum temperature for Sugarcane is -
- 21-27°C
 - 14-29°C
 - 25-30°C
 - 28-34°C
- 41) The irrigation water requirement of Onion is -
- 60cm
 - 50cm
 - 40cm
 - 30cm
- 42) Which Micro-nutrient is most deficient in Indo-Gangetic alluvium soils?
- Iron
 - Zinc
 - Copper
 - Manganese
- 43) Principle oilseed crop of India is -
- Seasame
 - Mustard
 - Linseed
 - Groundnut

44) Which fertilizer is most beneficial for alkali soils?

- a) Urea
- b) Ammonium Sulphate
- c) Calcium Nitrate
- d) Ammonium Nitrate

45) The ASEAN has its headquarters in -

- a) Manila
- b) Bangkok
- c) Jakarta
- d) Tokyo

46) If in a certain code SCRIPT is written as TCQIQT, how will DIGEST be written.

- a) EIFETT
- b) TIHETT
- c) EIFERT
- d) EIHETT

47) Samir was standing facing east. He turned to his right and walked 5 metres, again turned to his right and walked 7 metres. Then, he turned to his left and walked 4 metres. Which direction is he facing now?

- a) North
- b) South
- c) West
- d) North-West

48) If '+' means '-', '-' means 'x', 'x' means '-' and '-' means '+', what will be the value of the following expression?

$$15+5\times 9+3-6$$

- a) 78
- b) 72
- c) 28
- d) None of the above

49) Mary was both 13th highest and 13th lowest in a spelling contest. How many people were in the contest?

- a) 13
- b) 25
- c) 26
- d) 27

50) If in an examination you are awarded +3 for each correct answer and -1 for each wrong answer. What is your score if you attempted 32 out of 40 questions and got 7 answers wrong?

- a) 75
- b) 89
- c) 68
- d) None of these

51) Which among the following sunflower variety is tall(150-180cm), early in maturity(95 days) and yields 1.7tonnes to 2.0tonnes/hectare is recommended for cultivation at all India level?

- a) KBSH44 (Hybrid)
- b) KBSH41 (Hybrid)
- c) KBSH42 (Hybrid)
- d) PSFH118 (Hybrid)

- 52) Which 'Biofertilizer' is a nitrogen fixing micro-organism beneficial for non-leguminous as well as for vegetable crops?
- Rhizobium (RHZ)
 - Azotobacter (AZT)
 - Azospirillum (AZS)
 - Blue Green Algae (BCA)
- 53) The recommended ratio of use of NPK, the chemical fertilizer by farmers in India is -
- 2:2:2
 - 3:2:1
 - 4:2:1
 - 5:2:1
- 54) Which agro-ecosystem in India is characterized as low, erratic rainfall with high coefficient of variation and frequent droughts?
- Irrigated agro-ecosystem
 - Arid agro-ecosystem
 - Coastal agro-ecosystem
 - Hill and mountain agro-ecosystem
- 55) Which disease occurs when more Sorghum is consumed?
- Rickets
 - Scurvy
 - Night Blindness
 - Pellagra
- 56) Who won the women singles Wimbledon Championship for the year 2011?
- Serena Williams
 - Ana Ivanovic
 - Petra Kvitova
 - Venus Williams
- 57) Which political party is not a part of UPA?
- NCP
 - AITC
 - DMK
 - JDU
- 58) Tennis player Leander Paes helped India to get a bronze medal in which Olympic games?
- Atlanta Olympics
 - Sydney Olympics
 - Athens Olympics
 - Beijing Olympics
- 59) If you trade into share market, then your shares are bought and sold from which account?
- Demat Account
 - Saving Account
 - Current Account
 - Personal Account
- 60) Gilt-Edged market means -
- bullion market
 - market of Government securities
 - market of guns
 - market of pure metals

PGABM

SET A

SEAT NO. _____

UNIVERSITY OF MUMBAI
GARWARE INSTITUTE OF CAREER EDUCATION AND DEVELOPMENT
POST GRADUATE DIPLOMA IN AGRI BUSINESS MANAGEMENT
ENTRANCE TEST

Date: 27/07/2010

Time : 11.00 am – 12.00 pm

Marks : 50

NOTE: Write Your Seat Number On Answer Sheet.

Answer any 50 questions by ticking (✓) on the GRID PAPER only. You have a choice to answer all 60 questions. Best 50 will be given marks. Wrong answers will not attract negative marking.

Rough work should not be done on ANSWER SHEET. A blank page is enclosed for rough work.

- 1) "Everything else may wait but not Agriculture" was stated by
 - a) Norman Borlaug
 - b) Sharadchandra Pawar
 - c) Pandit Jawaharlal Nehru
 - d) Lal Bahadur Shastri

- 2) When established in 1905, IARI was called
 - a) International Agricultural Research Institute
 - b) Imperial Agricultural Research Institute
 - c) Indian Agricultural Research Institute
 - d) Institute of Agricultural Research in India

- 3) The cultivation of crops was started approximately in :
 - a) 2500 BC
 - b) 7500 BC
 - c) 5000 BC
 - d) 1000 BC

- 4) India is divided into ____ agro-climatic zones.
 - a) 15
 - b) 20
 - c) 5
 - d) 10

- 5) A system of farming on a particular farm which includes crop production, raising livestock, poultry, bee keeping etc. is known as
 - a) Mono-cropping
 - b) Intercropping
 - c) Mixed Farming
 - d) Solo Farming

MISAP
[REDACTED]

- 6) Green Revolution has been most successful in the following crops:
 - a) Wheat and Potato
 - b) Barley and Rice
 - c) Jowar and Bajra
 - d) Wheat and Rice

- 7) Remote sensing helps in studying
 - a) Cropped area
 - b) Soil characters
 - c) Underground water
 - d) All of the above

- 8) One acre of soil to a depth of 6 inches weighs about
 - a) 2×10^6 lb
 - b) 5×10^6 lb
 - c) 7×10^6 lb
 - d) 10×10^6 lb

- 9) Which of the following preservative is used for preparation of tomato ketchup
 - a) Potassium Metabisulphite
 - b) Sodium Benzoate
 - c) Sodium Metabisulphite
 - d) Citric Acid

- 10) Fruit which starts bearing in one year of planting
 - a) Pineapple
 - b) Papaya
 - c) Strawberry
 - d) Banana

- 11) Mango seed lose their viability in
 - a) 4-5 weeks
 - b) 3-4 months
 - c) 6 months
 - d) One year

- 12) What is optimum moisture content for storing wheat?
 - a) 10%
 - b) 12%
 - c) 14%
 - d) 16%

- 13) Balanced diet includes at least ____ g of vegetables
- 90
 - 120
 - 200
 - 300
- 14) Site of protein synthesis in cell is
- Ribosomes
 - Mitochondria
 - Chloroplasts
 - Endoplasmic Reticulum
- 15) Who discovered "X-Rays" first
- Wilson
 - Benzer
 - Roentgen
 - Muller
- 16) Dr. Hargovind Khurana was awarded the Nobel Prize in 1968 for his work on
- Mutation
 - RNA Synthesis
 - Genetic Code & in vitro synthesis of DNA
 - Protein Synthesis
- 17) The most widely used bacterium in insect control is
- Fusarium spp.
 - Bacillus papillae
 - Bacillus cereus
 - Bacillus thuringensis
- 18) Use of resistant varieties in the control of insects is an example of
- Legal Control
 - Chemical control
 - Cultural control
 - Biological control
- 19) Bacillus thuringensis was discovered by
- S. Ishiwata
 - Berliner
 - Flachar
 - Frisch

20) National Dairy Research Institute is located at

- a) Karnal
- b) New Delhi
- c) Varanasi
- d) Ranchi

21) Hormone for Milk secretion is

- a) Oxytocin
- b) ACH
- c) Prolactin
- d) TSH

22) Life span of cattle is

- a) 10-15 years
- b) 15-20 years
- c) 20-25 years
- d) 25-30 years

23) National Institute of Agriculture Marketing (NIAM) is located at

- a) New Delhi
- b) Jaipur
- c) Hisar
- d) Hyderabad

24) All those who are engaged in selling Mutual Fund Products are now required to clear a certification exam and get themselves registered as Mutual Fund Agents with the

- a) Reserve Bank of India
- b) Securities and exchange Board of India
- c) Registrar of companies
- d) Association of Mutual funds in India

25) In a certain code language PREMONITION is written as 68530492904, how will the word MONITOR be written in that code language

- a) 1234567
- b) 3049208
- c) 3029408
- d) 3049258

- 26) If a person is moving at a speed of 2.5 km/hr, travel from Delhi to Sonapat in 1 Day 10 hours (assume he does not stop anywhere). Find the distance between Delhi to Sonapat
- a) 85 Km
 - b) 75 Km
 - c) 80 Km
 - d) 80.5 Km
- 27) If three fourth of students in the class have cars and half of the cars owners own TATA NANO. What fraction of the class has TATA NANO? Express the answer in percentage term.
- a) 30 %
 - b) 32.5 %
 - c) 35 %
 - d) 37.5 %
- 28) The interest received on a sum of Rs. 15000 for 3 years at a certain rate of simple interest was Rs.5400. What was the rate of interest?
- a) 14 %
 - b) 18 %
 - c) 16 %
 - d) 12 %
- 29) Which of the following institution has propagated Self Help Group (SHG).
- a) RBI
 - b) RRB
 - c) NABARD
 - d) SIDBI
- 30) Two numbers are in ratio 2:3. The difference between their squares is 45. Find the numbers
- a) 6 and 9
 - b) -6 and -9
 - c) Both a and b
 - d) None of the above
- 31) Three of the Four are alike in a certain way and so form a group. Which is the one that does not belong to that group?
- a) 143
 - b) 63
 - c) 195
 - d) 257
- 32) Three of the Four are alike in a certain way and so form a group. Which is the one that does not belong to that group?
- a) Jackal
 - b) Dog
 - c) Tiger
 - d) Lion

- 33) A can do a piece of work in 12 Days. B is 60 % more efficient than A. Find the number of days that B takes to do the same piece of work
- 4.8 Days
 - 5.8 Days
 - 4.2 Days
 - 5.2 Days
- 34) Which will be the host country for FIFA World Cup 2014?
- Brazil
 - Germany
 - South Africa
 - Spain
- 35) On June 24, India won ASIA CUP in Cricket after how many years?
- 10 years
 - 15 years
 - 5 years
 - 12 years
- 36) Which is true relating to Bhopal Gas Tragedy?
- 1984, Methyl Isocyanate, Madhya Pradesh
 - 1984, Methyl Isocyanide, Madhya Pradesh
 - 1980, Methyl Isocyanate, Madhya Pradesh
 - 1984, Methyl isobuturate, Madhya Pradesh
- 37) Odd Man out
- Bihar-Jharkhand
 - Uttar Pradesh- Uttarakhand
 - Andra Pradesh-Telangana
 - Madhya Pradesh – Chattisgarh
- 38) The strongest chemical agent to break seed dormancy is
- Potassium Nitrate
 - Gibberellins
 - Ethylene
 - Cumerin
- 39) Which one of the following part of Tobacco plant synthesizes Nicotine
- Root
 - Stem
 - Branch
 - Leaf
- 40) A fruit rich in both Vitamin A and Vitamin C is
- Apple
 - Papaya
 - Citrus
 - Anola

- 41) The Rice crop tolerates submergence because
- The plant does not need Oxygen
 - The plant has mechanism to transport Oxygen through leaves
 - Bacteria keeps the rhizosphere oxidized
 - Oxygen penetrating to root zone through air movement is sufficient.
- 42) Irrigation efficiency is low in irrigated farming in India mainly because
- Large irrigated area is under canal irrigation system
 - A major part of the soil types is not suitable for irrigation
 - Of the poor quality of irrigation
 - Of the adverse Climatic conditions
- 43) While adopting a new innovation in Agriculture, farmers go through the following four stage in the mental process
- 1) Awareness 2) Interest 3) Action 4) Satisfaction
- The correct sequence of this Four stages are
- 1-2-4-3
 - 1-2-3-4
 - 2-1-3-4
 - 3-2-4-1
- 44) For providing inputs like Quality seeds, Fertilizers and Pesticides, the agency that is present at village level is
- NABARD
 - Nationalised Banks
 - Co-operative Society
 - Insurance Companies
- 45) Which one of the following plant nutrients is useful in increasing resistance to disease and insect-pests?
- Calcium
 - Phosphorus
 - Nitrogen
 - Potassium
- 46) Water use efficiency is highest in case of
- Flood Irrigation
 - Border Irrigation
 - Drip Irrigation
 - Sprinkler Irrigation

- 47) Jersey Cow is a native of
- Denmark
 - England
 - Holland
 - U.S.A
- 48) Who first developed the concepts of microcredit and microfinance
- Rafi Ahmed Kidwai
 - Muhammad Yunus
 - Mohammad Zakir
 - A P J Abdul Kalam
- 49) The highest selling pesticide molecule in the world is
- Imidacloprid
 - Glyphosate
 - Endosulfan
 - Chlorpyrifos
- 50) Seedless Mango variety is
- Sindhua
 - Ratna
 - Both a & b
 - None
- 51) When Organic matter in soil is more than 1.5 %, it is rated as
- High
 - Low
 - Medium
 - Very High
- 52) The leading Indian state in Floriculture is
- Uttar Pradesh
 - Karnataka
 - Punjab
 - Maharashtra
- 53) Drip irrigation in India was introduced from
- Japan
 - America
 - China
 - Israel
- 54) Indian Cotton is
- G. herbaceum*
 - G. arboreum*
 - G. hirsutum*
 - G. barbadense*

- 55) Gauch-1 is variety of
- a) Castor
 - b) Groundnut
 - c) Sesamum
 - d) Soybean
- 56) Which element is considered as energy currency for the plant
- a) N
 - b) P
 - c) K
 - d) Zn
- 57) Bacterial colony is known as
- a) Spore
 - b) Ooze
 - c) Mycelium
 - d) Hypha
- 58) Maleic Hydrazide (MH) is used to
- a) Suppress flowering and emergence of suckers
 - b) Induce seed germination
 - c) Enhance ripening
 - d) All of these
- 59) Which one of the following is not the Nationalized Bank
- a) Bank of Baroda
 - b) Axis Bank
 - c) Indian Bank
 - d) IDBI
- 60) What percentage of fruits and vegetables are processed in India
- a) 3-4 %
 - b) 7-8 %
 - c) 12-15 %
 - d) 20 %
