



SHRI VISHWAKARMA SKILL UNIVERSITY

(A State Skill University, setup by an Act of Legislature in 2016)

RECRUITMENT EXAMINATION

Advertisement No. HVSU/18/ENT /007 dt. 07/11/2018

JUNIOR ENGINEER (HORTICULTURE)



Max. Marks : 90 Marks

Time : 90 Minutes

1. Pinching is generally done in the quality production of:
 - A. Gladiolus
 - B. Carnation
 - C. Dahlia
 - D. Aster
2. Red rust is a disease of:
 - A. Litchi
 - B. Apple
 - C. Mango
 - D. Guava
3. Mulching is an important practice in the orchard related to:
 - A. Pruning
 - B. Training
 - C. Canopy management
 - D. Floor management
4. Stratification is essentially a:
 - A. Chilling treatment
 - B. Storing
 - C. Heating
 - D. Aging
5. Which of the following fruits is most suitable for high pH soil?
 - A. Litchi
 - B. Aonla
 - C. Mango
 - D. Apple
6. The plant bio-regulator that acts as anti-gibberellin is:
 - A. Paclobutrazol
 - B. Indole acetonitrile
 - C. Zeatin
 - D. Morphactin
7. Age of rootstock in mango for epicotyl grafting is:
 - A. 7 days
 - B. 21 days
 - C. 14 days
 - D. 28 days
8. The leading Indian State in Floriculture trade is:
 - A. Uttar Pradesh
 - B. Karnataka
 - C. Punjab
 - D. Haryana
9. Budding is most commonly done when there is:
 - A. Good sap flow in the plants
 - B. No sap flow in the plants
 - C. Early initiation of growth in the plants
 - D. Late initiation of growth in the plants

10. Which guava cultivar is used commercially for raising rootstocks
- A. Allahabad Safeda
 - B. Hisar Safeda
 - C. Lucknow-49
 - D. Apple colour
11. Granulation is a physiological disorder of:
- A. Sapota
 - B. Citrus
 - C. Mango
 - D. Guava
12. Roses are commonly propagated by:
- A. "T" or shield budding
 - B. Grafting
 - C. Stem cutting
 - D. Seeds
13. Gladiolus is belongs to:
- A. Rosaceae
 - B. Compositae
 - C. Solanaceae
 - D. Iridaceae
14. Which fruits have similar family as that of mango
- A. Cashew nut
 - B. Sapota
 - C. Litchi
 - D. Pineapple
15. Kinnow mandarin is a hybrid of:
- A. *Citrus sinensis* x *Citrus nobilis*
 - B. *Citrus nobilis* x *Citrus deliciosa*
 - C. *Citrus nobilis* x *Citrus sinensis*
 - D. *Citrus deliciosa* x *Citrus nobilis*
16. Which of the following is high value crop for expensive perfume?
- A. Kalmegh
 - B. Altis
 - C. Jasmine
 - D. Chirata
17. Mango malformation can be controlled by?
- A. 20 ppm NAA
 - B. 200 ppm GA
 - C. 20 ppm IAA
 - D. 200 ppm NAA
18. Avenue term is mostly related to:
- A. Shrubs only
 - B. Annuals only
 - C. Trees only
 - D. None

19. Fruit cracking in litchi is due to?
- A. Heavy rains after long dry spell
 - B. Diseases
 - C. Nutrient deficiency
 - D. Insect attack
20. Contour system of orchard planting is generally followed in:
- A. Punjab
 - B. Hills
 - C. Saline soil
 - D. Uttar Pradesh
21. The Taj garden of Agra (Tajmahal) is the typical example of:
- A. Italian style of gardening
 - B. Japanese style of garden
 - C. Hindu style of garden
 - D. Mughal style of garden
22. Which of the following is a non-climacteric fruit:
- A. Apple
 - B. Mango
 - C. Pineapple
 - D. Banana
23. Telephone system of training is used in
- A. Jamun
 - B. Grape
 - C. Mango
 - D. Strawberry
24. Creeper is a dwarf variety of:
- A. Mango
 - B. Apple
 - C. Grape
 - D. Peach
25. Tuberose is commercially propagated by?
- A. Corm
 - B. Seed
 - C. Bulb
 - D. Cuttings
26. Black tip of mango is a physiological disorder due to?
- A. Carbon monoxide
 - B. Excess boron
 - C. Deficiency of calcium
 - D. Carbon dioxide
27. Number of buds per cane in flower system
- A. 3-10
 - B. 22-30
 - C. 25-35
 - D. 40-50

28. Calyx end rot is a disorder caused by calcium deficiency and is observed in:
- A. Pecan
 - B. Persimmon
 - C. Apple
 - D. Guava
29. In marigold GMS (Genetic Male Sterility) is controlled by?
- A. Single dominant gene
 - B. Restorer gene
 - C. Multiple gene
 - D. Single recessive gene
30. National flower of Japan is?
- A. Chrysanthemum
 - B. Gladiolus
 - C. Tuberose
 - D. Rose
31. Dwarfness in papaya is a desirable character. What is the correct about its inheritance?
- A. Epistatic
 - B. It is recessive
 - C. Dominant
 - D. None of the above
32. Origin and family of guava is?
- A. America, Myrtaceae
 - B. India, Myrtaceae
 - C. China, Iridiaceae
 - D. America, Anacardiaceae
33. Fruit shape is a maturity index in
- A. Citrus
 - B. Grape
 - C. Mango
 - D. Guava
34. Chromosome number in Rose?
- A. $2n = 14$
 - B. $2n = 28$
 - C. $2n = 7$
 - D. $2n = 32$
35. Tapka stage is used in
- A. Pineapple
 - B. Grape
 - C. Pear
 - D. Mango
36. Which of the following is an aggregate fruit?
- A. Guava
 - B. Strawberry
 - C. Citrus
 - D. Pineapple

37. Acid lime is
- A. Kagzi lime
 - B. Mandarin
 - C. Grapefruit
 - D. Sweet orange
38. Type of inflorescence in carnation?
- A. Catkin
 - B. Spike
 - C. Spadix
 - D. None of the above
39. Hormones that hasten the ripening is
- A. GA
 - B. Auxin
 - C. Ethylene
 - D. Cycocel
40. Which App launched for farmers for Information about soilsalinity:
- A. ApniMitti
 - B. Salinity Expert
 - C. MittiJanch
 - D. Mitti Expert
41. Most suitable climate for chiku
- A. Temperate
 - B. Subtropical
 - C. None
 - D. Tropical
42. Optimum size of a bonsai?
- A. 20-30 cm
 - B. 15-45 cm
 - C. 30-60 cm
 - D. 45-90 cm
43. Tinting process is done in:
- A. Carnation
 - B. Rose
 - C. Dahlia
 - D. Chrysanthemum
44. Which one is monocot?
- A. Jackfruit
 - B. Datepalm
 - C. Apple
 - D. Mango
45. Potted gerbera are commonly known as:
- A. Sui
 - B. Hikae
 - C. Ikebana
 - D. Samurai

46. Highly suitable grass for large areas and play grounds?
- A. Korean grass
 - B. Bermuda grass
 - C. Kentucky blue grass
 - D. None of the above
47. The short day fruit plant is:
- A. Strawberry
 - B. Mango
 - C. Apple
 - D. Pineapple
48. Pruning in ber is done?
- A. During rainy season
 - B. During winter
 - C. During spring
 - D. During summer
49. Blood Red is a variety of:
- A. Lemon
 - B. Litchi
 - C. Malta
 - D. Guava
50. Chakaiya is a variety of
- A. Peach
 - B. Aonla
 - C. Pomegranate
 - D. Phalsa

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General English

- Q51. Choose the one which best expresses the meaning of the given word:
POIGNANT
(A) Showy (B) Sad
(C) Silly (D) Snobbish
- Q52. Find out which part of the sentence has an error:
His mastery over several sports (a)/and the social graces (b)/ make him a sought-after coach.(c)/No error(d)
(A) (a) (B) (b)
(C) (c) (D) (d)
- Q53. Pick the right meanings of the following **idiom and phrase**:
Hold one's horse
(A) Keep one's expectations
(B) Keep one's gift
(C) Have patience
(D) High on energy
- Q54. Choose the one which is most opposite in meaning to the given word:
Morbid
(A) Healthy
(B) Liberal
(C) Progressive
(D) Stale
- Q55. Fill in the blank with suitable article:
Can you please help me pick out birthday present for my father?
(A) an (B) a (C) the (D) no article
- Q56. Fill in the blank:
It is always the ordinary people who ____ victims of violence because the politicians move around in bullet-proof vehicles.
(A) indicate
(B) shun
(C) fall
(D) transform
- Q57. **Directions:** In question given below, the first and the last sentences are numbered 1 and 6. Remaining sentences are named P, Q, R and S. These four sentences are not given in their proper order. Read the sentences and find out which of the four combinations is correct:

- 1: A mere fifteen hundred years ago, English was a fledging language spoken by a few thousand people in Great Britain.
- P: As a result of this remarkable flexibility, English is today's international language.
- Q: The English language can be divided into three main periods—Old English, Middle English and Modern English.
- R: English has achieved its global status because of an unusual and amazing ability to respond and change according to the needs of its users.
- S: Today English is a thriving, vigorous language spoken by nearly one-fourth of the population of the world.
- 6: The separations reflect the impact of various cultural and historical events on the growth and development of English.
- (A) SRPQ (B) PQRS (C) SRQP (D) SQPR

Q58. Choose the correct option to complete the sentence given below:
I'm sorry the house is not available any longer. It _____ to a timber tycoon.

- (A) was being sold
 (B) will be sold
 (C) is sold
 (D) has been sold

Q59. Pick out the most effective word from the given options to fill in the blank to make the sentence meaningfully complete:
 She _____ a brief appearance at the end of party.

- (A) put on
 (B) put in
 (C) put across
 (D) put up

Q60. **Directions: Read the following passage to answer the given question based on it-**

Harish a professional man who had worked in an office for many years had a fearful dream. In it, he found himself in a land where small slug-like animals with slimy tentacles lived on people's bodies. The people tolerated the loathsome creatures because after many years they grew into elephants which then became the nation's system of transport, carrying everyone wherever he wanted to go. Harish suddenly realized that he himself was covered with these things, and he woke up screaming. In a vivid sequence of pictures this dream

dramatized for Harold what he had never been able to put in to words; he saw himself as letting society feed on his body in his early years so that it would carry him when he retired. He later threw off the "security bug" and took up freelance work.

Which one of the following phrases best helps to bring out the precise meaning of 'loathsome creatures'?

- (A) Security bug and slimy tentacles
- (B) Fearful dream and slug-like animals
- (C) Slimy tentacles and slug-like animals
- (D) slug-like animals and security bug

General Aptitude

- Q61. In a queue, A is eighteenth from the front while B is sixteenth from the back. If C is twentyfifth from the front and is exactly in the middle of A and B, then how many persons are there in the queue?
- (A) 45 (B) 46 (C) 47 (D) 48

- Q62. **Statement:** No new tax has been proposed in the budget of 2017-18. It is still a surplus budget.

Conclusion I: The budget of 2017-18 may be considered a good budget.

Conclusion II: 2017-18 budget is a surplus budget because no new tax has been proposed.

- (A) only conclusion I follows
 (B) only conclusion II follows
 (C) Both I and II follow
 (D) Neither I nor II follows
- Q63. Select a suitable figure from the four alternatives that would complete the figure matrix.



(1) (2) (3) (4)

- (A) 1 (B) 2 (C) 3 (D) 4
- Q64. Choose the alternative which is closely resembles the mirror image of the given word:

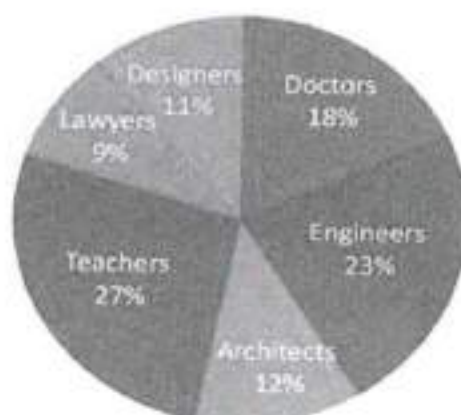
GEOGRAPHY

- (1) YH9A9GOEG (2) YHPARGOEG
 (3) AH9A9GOEG (4) YH9A9GOEG

- (A) 1 (B) 2 (C) 3 (D) 4

Directions: Study the following pie-chart and table carefully and answer the question given beside:

A survey was conducted on 14500 people to find out various professionals in a town and the percentage of female professionals amongst them



Percentage of Female professionals

Doctors	16%
Engineers	45%
Architects	38%
Teachers	65%
Lawyers	32%
Designers	53%

- Q65. Female Doctors are what per cent of the female Teachers in the town?
 (A) 16.41% (B) 13.86%
 (C) 19.32% (D) 17.53%
- Q66. Complete the series: 21, 85, 253, 509, ?
 (A) 506 (B) 505
 (C) 510 (D) 511
- Q67. In a coding system, SHEEP is written as GAXXR and BLEAT as HPXTN. How can SLATE be written in this coding system ?
 (A) GPTNX
 (B) GPTXN
 (C) GPXNT
 (D) PTGXN
- Q68. Two friends Tinu and Dinu are driving car in Paris. Tinu is facing north and Dinu is facing south. They drive their cars for 80 meters in the direction they are facing and reached HDFC Bank and CUB ATM respectively. Then they turn right and drive for another 70 meters and reached PVR cinemas and Phoenix mall respectively. Then they take 90 degree anti clock wise direction for 40 meters and then they turn right. After driving for 30 meters Dinu reaches at CTS and Tinu reached at TCS. Initially, if Dinu was 130 meters to the east of Tinu, then what is the shortest distance and direction of TCS with respect to CTS?

- (A) 250 meters, north-west
- (B) 250 meters, north-east
- (C) 240 meters, north
- (D) 250 meters, north

Q69. **Connoisseur: Art:: Gourmet : ?**

- (A) Food
- (B) Money
- (C) Drink
- (D) Flesh

Q70. J is father-in-law of Q who is mother of R. P is father-in-law of T. There are two married couples. Total five members are there in the family. **If M is the mother-in-law of Q. V is either son or daughter of M and married to H. H is not Q's sister in law's husband. Then how is V related to R?**

- (A) Aunt
- (B) Father
- (C) Paternal Uncle
- (D) Maternal Uncle

71. Which kind of park will be established on 100 acres of land in Kurukshetra, village Thana:
- A. Pharma park
 - B. Khel park
 - C. Herbal park
 - D. Kindergarden park
72. Which State has been selected as theme state of Surajkund Kraft fair 2019?
- A. Maharashtra
 - B. Uttar Pradesh
 - C. Telengana
73. Where is the Central Buffalo Research Institute located?
- A. Karnal
 - B. Hisar
 - C. Rohtak
 - D. Jind
74. Central Institute of Fisheries Education is located, in which district of Haryana?
- A. Hisar
 - B. Karnal
 - C. Sirsa
 - D. Rohtak
75. In Haryana, where flower market will be developed on the pattern of Netherlands?
- A. Karnal
 - B. Sirsa
 - C. Gurugram
 - D. Faridabad
76. Indian Wheat and Barley Research Institute, located at?
- A. Sirsa
 - B. Mahendragarh
 - C. Hisar
 - D. Karnal
77. How many centre of excellence are running in the field of agriculture in Haryana with the help of Israel?
- A. 5
 - B. 3
 - C. 10
 - D. 2
78. Cryo-preservation is done in liquid nitrogen at a temperature of ($^{\circ}\text{C}$)?
- A. 0
 - B. -96
 - C. -196
 - D. 4
79. Patch budding is generally practiced in:
- A. Guava
 - B. Ber
 - C. Sapota
 - D. Aonla
80. World food day is celebrated on:
- A. Oct 11
 - B. Oct 16
 - C. Oct 18
 - D. Oct 20

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JUNIOR ENGINEER (HORTICULTURE) – SECTION V

- Q81.** The basic operations performed by a computer are
- A) Arithmetic operation
 - B) Logical operation
 - C) Storage and relative
 - D) All the above
- Q82.** The brain of any computer system is
- A) ALU
 - B) Memory
 - C) CPU
 - D) Control unit
- Q83.** Chief component of first generation computer was
- A) Transistors
 - B) Vacuum Tubes and Valves
 - C) Integrated Circuits
 - D) None of above
- Q84.** In a computer, "Drag & Drop" means to select item, hold down mouse and
- A) move file from one window to another
 - B) move files from one folder to another
 - C) move text between documents
 - D) all of these
- Q85.** Computer mouse event is
- A) left click
 - B) right click
 - C) double click
 - D) all of these
- Q86.** The first page that you normally view at a Website is its:
- A) Home page
 - B) Master page
 - C) First page
 - D) None of the above
- Q87.** E-mail address is made up of
- A) Single part
 - B) Two parts
 - C) Three parts
 - D) Four parts

Q88. The shortcut command of 'save' in word:

- A) Ctrl + A
- B) Ctrl + C
- C) Ctrl + V
- D) Ctrl + S

Q89. Which Chart can be created in Excel?

- A) Area
- B) Line
- C) Pie
- D) All of the above

Q90. Power Point presentation is a collection of _____

- A) Slides and Handouts
- B) Speaker's notes
- C) Outlines
- D) All of the above

SVSU Recruitment Examination 2019
Loaded Key Sheet for : 10 - J.E (Horticulture) , Set Code : A

Q.No.	Key	Q.No.	Key	Q.No.	Key	Q.No.	Key	Q.No.	Key
1 ✓	C	21 ✓	D	41 ✓	D	61 ✓	C	81 ✓	D
2 ✓	A	22 ✓	C	42 ✓	C	62 ✓	A	82 ✓	C
3 ✓	D	23 ✓	B	43 ✓	A	63 ✓	B	83 ✓	B
4 ✓	A	24 ✓	A	44 ✓	B	64 ✓	A	84 ✓	D
5 ✓	B	25 ✓	C	45 ✓	D	65 ✓	A	85 ✓	D
6 ✓	A	26 ✓	A	46 ✓	B	66 ✓	B	86 ✓	A
7 ✓	C	27 ✓	D	47 ✓	A	67 ✓	A	87 ✓	B
8 ✓	B	28 ✓	B	48 ✓	D	68 ✓	B	88 ✓	D
9 ✓	A	29 ✓	D	49 ✓	C	69 ✓	A	89 ✓	D
10 ✓	C	30 ✓	A	50 ✓	B	70 ✓	C	90 ✓	D
11 ✓	B	31 ✓	B	51 ✓	B	71 ✓	C	91	X
12 ✓	A	32 ✓	A	52 ✓	C	72 ✓	C	92	X
13 ✓	D	33 ✓	C	53 ✓	C	73 ✓	A	93	X
14 ✓	A	34 ✓	A	54 ✓	A	74 ✓	B	94	X
15 ✓	B	35 ✓	D	55 ✓	B	75 ✓	D	95	X
16 ✓	C	36 ✓	B	56 ✓	C	76 ✓	C	96	X
17 ✓	D	37 ✓	A	57 ✓	A	77 ✓	D	97	X
18 ✓	C	38 ✓	B	58 ✓	D	78 ✓	A	98	X
19 ✓	A	39 ✓	C	59 ✓	B	79 ✓	C	99	X
20 ✓	B	40 ✓	B	60 ✓	C	80 ✓	D	100	X