APPENDICES

PRE TEST

Name of the student:

Date:

Time: 35 minutes

Total Marks:

Dear student,

I am conducting a research to develop self managed learning skills among student teachers. Before embarking on this path I would like to know how many of these skills you already possess. For this purpose some questions have been given below. Complete these questions which have been divided into six sections. Read each question carefully, then select any one of the answers you think is correct in the multiple choice questions.

These test items have no concern with your college examination. I assure you that your answers shall be kept strictly confidential and will be used for the purpose of my research work only.

Please attempt all the questions. Do not ask your companion for the answer. Try to answer the questions in the time given to you.

(A)   GOAL SETTING SKILL
1.   **What is the difference between a goal and a dream?**
     a)   both are the same
     b)   goals are dreams with a deadline
     c)   dreams are stronger than goals
     d)   none of the above
     e)   do not know

2.   **About how long could a short-term goal last?**
     a)   1 to 2 weeks
     b)   6 months to 1 year
     c)   5 or more years
     d)   none of the above
     e)   do not know

3. **SWOT analysis helps you to know your**
   a) spending, wastage, opportunities, treasures
   b) strengths, wants, offers, threats
   c) strengths, weakness, opportunities and threats
   d) none of the above
   e) do not know

4. **Tools which help you analyse how you really spend your time are known as**
   a) activity logs
   b) SWOT analysis
   c) To-do-list
   d) none of the above
   e) do not know

5. **When you begin to study you should start with...**
   a) the most difficult subject
   b) the easiest subject
   c) subject you like the most
   d) do not know

6. **Write down two of your study goals using the SMART acronym.**

   ....

   ....

   ....

7. **Write down any one of your pleasure goal and public service goal.**

   ....

   ....

   ....

8. **Create your own goal map in the space given below.**

   ....

   ....

   ....

   ....

(B)   INFORMATION LOCATION SKILL

9.   **Which of the following is a characteristic of scholarly journals?**
   a)   contains glossy pictures and advertisements
   b)   reports on news events in a timely manner
   c)   contains research articles
   d)   provides an authors opinion about a controversial event
   e)   do not know

10.   **The data in a library catalogue is divided into separate indexes according to...**
   a)   author
   b)   title
   c)   keyword
   d)   subject
   e)   all the above
   f)   do not know

11.   **The search engine which sends your search to several search engines and then compiles them into one result is known as a...**
   a)   website
   b)   meta search engine
   c)   internet
   d)   data base
   e)   do not know

12.   **You can combine keywords together when searching by using certain terms (Boolean operators). Which of the following are Boolean operators?**
   a)   UP/DOWN
   b)   AND/OR
   c)   IN/OUT
   d)   YES/NO
   e)   all the above
   f)   do not know

13.   **Plagiarism is ...**
   a)   copying someone else's work and passing it off as your own
   b)   an epidemic disease

c) acceptable

d) method of finding information

e) do not know

14. Make a list of key concepts and keywords of the following topic.

"Evaluate the impact of the Internet on practices for teaching and learning employed by schools."

....

....

....

....

15. A student downloads her favorite song to play as background music for a multimedia project. The presentation will only be shown in the classroom. This is an example of ... (Tick the correct answer)

(a) Appropriate Use

(b) Inappropriate Use

16. How will you write the reference of the following book using the APA format: How the Brain Learns written by David Sousa in 2006 and published by Corwin Press, California?

....

....

....

....

(C)   INFORMATION PROCESSING SKILL

17.   The information from the environment is detected by our brain through our
   a)   sensory register
   b)   short term memory
   c)   long term memory
   d)   sensory organs
   e)   do not know

18.   What happens to information that does not move from the sensory register to short term memory?
   a)   it is never learned
   b)   it is learned but quickly forgotten
   c)   it moves to long term memory
   d)   it remains in sensory register
   e)   do not know

19.   If you only need the shallowest knowledge of a subject you ------------the material.
   a)   read
   b)   skim
   c)   scan
   d)   study
   e)   do not know

20.   Speed reading leads to ...
   a)   decrease in concentration
   b)   decrease in comprehension
   c)   increase in concentration
   d)   wastage of time
   e)   do not know

21.   The reading rate of an average student is ...
   a)   130 w.p.m.
   b)   230 w.p.m.
   c)   600 w.p.m.
   d)   10,000 w.p.m.
   e)   do not know

22. **The finger technique is used to improve**
    a) reading speed
    b) writing
    c) memory
    d) do not know

23. **A person who prefers graph, pictures, diagram is a**
    a) global learner
    b) reflective learner
    c) verbal learner
    d) visual learner
    e) do not know

24. **Complete the KWL chart for the topic- Planets.**

Topic:		
K	W	L

Planets

The planets may be defined in the following way:

A planet is a celestial body that is in orbit around the sun. It has sufficient mass for its self-gravity to overcome rigid body forces so that it assumes nearly a round shape and has cleared the neighbourhood around its orbit. In the solar system the inner planets are Mercury, Venus, Earth and Mars. All the inner four planets are dense rocky bodies and are collectively called terrestrial planets (Earth-like). They appear to chiefly consist of iron and rock. The outer planets, Jupiter, Saturn, Uranus and Neptune are very big with large satellite families. They are composed mostly of hydrogen, helium, ammonia and methane. These planets are called Jovian after Joves, the Greek name for Jupiter, because they resemble Jupiter in many aspects

25. **Rahul can read 690 words in 4 minutes. Calculate Rahul's reading speed?**

(D) INFORMATION STORING SKILL

26. **The characteristics of a good note are**
    a) easy to understand
    b) pages numbered
    c) well abbreviated
    d) all the above
    e) do not know

27. **Note taking involves ...**
    a) taking notes during lecture
    b) copying down what is written on the blackboard
    c) taking notes from books
    d) all the above
    e) do not know

28. **A good way to increase your note taking speed is to use ...**
    a) standard symbols
    b) self made symbols
    c) standard abbreviations
    d) self made abbreviations
    e) all the above
    f) do not know

29. **The good listener is constantly thinking, evaluating and making connections.**
    a) True
    b) false
    c) do not know

30. **By using Cornell system you do not require to ...**
    a) re-write your notes
    b) take notes
    c) make notes
    d) none of the above
    e) do not know

31. **An alternative method for note taking and note making is ...**
    a) Venn diagram

b) Mind mapping
c) flow chart
d) SQ3R
e) do not know

32. Form abbreviations for each of the following words. Use the way of abbreviation that you think best suits the word.
1. incorporated ---
2. mount ---
3. picture ---
4. gulf ---

33. Read each sentence that follows and rewrite them using symbols. You can use the same symbol more than once.
1. In the twenty first century there is an increase in the amount of pollutants and decrease in the number of trees without which purification of air is difficult.

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2. She could not find out her percentage therefore she wrote down the marks she obtained.

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34. Read the following information about stars and prepare a mind map for the same.

Stars

A star is a ball of gas that is so hot it burns and glows. If you look at the sky on a clear night, you will be able to see constellations of stars. The stars in each constellation are named after letters in the Greek alphabet. For thousands of years sailors used the stars to navigate. They were able to tell in which directions they were travelling.

Galaxies are giant groups of stars. Each galaxy consists of millions and even trillions of stars. Most galaxies are one of four shapes: spiral, irregular, oval, and elliptical. Our own galaxy is the Milky way. It is made up of 100 billion stars. The Milky Way is in the shape of a spiral. Nebulae are seen as fuzzy patches of light as you look at the night sky. They are actually giant clouds of space dust and gas where new stars are born and old stars die. The Great Nebula of Orion can be seen with the naked eye.

(E)   INFORMATION RETENTION SKILL

35.   **Learning and retention are the same.**
   a)   True
   b)   false
   c)   do not know

36.   **The left brain deals with ...**
   a)   logic
   b)   maths
   c)   language
   d)   rational thinking
   e)   all the above
   f)   do not know

37.   **Certain nutrients that nurture and stimulate the functions of the brain are ...**
   a)   vitamin B
   b)   vitamin E
   c)   vitamin C
   d)   all the above
   e)   do not know

38.   **Daily physical activities not only help in weight control but also improve the capacity of your brain.**
   a)   True
   b)   false
   c)   do not know

39.   **We remember better during which times of a learning period?**
   a)   beginning of a learning period
   b)   end of learning period
   c)   middle of learning period
   d)   a & b
   e)   a & c
   f)   do not know

40.   **We remember best at about _____ minutes after learning finishes.**
   a)   30 mins.
   b)   5 mins.

c) 10 mins.
d) 1 hour
e) do not know

41. A chunk can be a ...
a) word
b) number
c) phrase
d) whole story
e) all the above
f) do not know

42. Use the principle of chunking to retain the following information:
1. ABOTCUPSUNLAPA

_____

2. 17122004

_____

43. Use the principle of chunking to remember the following string of words.

food   air   insect
Dog   mosquito   sneeze

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

(F) INFORMATION RETRIEVAL SKILL

44. The acronym "CAGED" can be used to remember which of the following information ...
    a) car, aeroplane, truck, scooter, train
    b) Einstein, Copernicus, Galileo, Archimedes, Darwin
    c) cock, duck, eagle, peacock
    d) none of the above
    e) · do not know

45. The strategy in which the first letter of each piece of information to be remembered is used to form a sentence is known as ...
    a) acronym
    b) acronymic sentence
    c) abbreviation
    d) keyword
    e) do not know

46. Keyword is a strategy in which you learn a new word or concept by ...
    a) linking it with a word that sounds like it
    b) substituting a peg word for a number word
    c) forming a word using the first letter of each piece of information
    d) none of the above
    e) do not know

47. A good strategy to retrieve information in a certain order is ...
    a) acronym
    b) abbreviation
    c) acronymic sentence
    d) b & c
    e) a & c
    f) · do not know

48. Write an acronym for each of the following sets of information. The pieces of information in each set can be remembered in any order.
    1. Elements: *aluminium, magnesium, Gold, Iodine, Copper*

    ....

    2. Countries: *Denmark, London, India, Hungary, China*

    ....

49. **Write an abbreviation for each of the following sets of information. The pieces of information in each set should be remembered in order:**

1. Name of G8 countries: *France, Russia, Italy, Japan, UK, US, Germany, Canada*

....

2. Neighboring states of Rajasthan: *Delhi, Gujarat, Punjab, Haryana, Uttar Pradesh, Madhya Pradesh*

....

50. **Use the peg word strategy to remember the following information.**
Names of first four prime ministers of India:

1. Jawaharlal Nehru   1947

....

2. Lal Bahadur Shastri   1964

....

3. Indira Gandhi   1966

....

4. Morarji Desai   1977

....