

S.V.M.V.V. Society's

**S. V. M. ARTS, SCIENCE AND COMMERCE COLLEGE
ILKAL - 587125**

Dist: Bagalkote Karnataka

ACCREDITED WITH 'A' GRADE BY NAAC Under CGPA 3.04

(Affiliated to Bagalkot University, Jamkhandi, Centre Code: 6218)



**ANNUAL QUALITY ASSURANCE REPORT
(AQAR)**



2.5.1 – Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Submitted To



**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BENGALURU**

2023-24



ಬಾಗಲಕೋಟೆ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ರಾಜ್ಯ ಸಾರ್ವಜನಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ)
ಮುಧೋಳ ರಸ್ತೆ, ಜಮಖಂಡಿ-587301 ಬಾಗಲಕೋಟೆ ಜಿಲ್ಲೆ



Bagalkot University

(State Public University of Govt. of Karnataka)
Mudhol Road, Jamkhandi-587301 Dist: Bagalkote

Mail ID : bgkujhd@gmail.com

Website: <http://bgku.ac.in>

ಕುಲಸಚಿವರ ಕಾರ್ಯಾಲಯ

Tel No: (08353)295123, 295124

BGKUJ/RO/2023-24/72

Date:30/05/2023

ಪರಿಷ್ಕೃತ ವೇಳಾಪಟ್ಟಿ

2023-24 ನೇ ಸಾಲಿನ ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್ ನ ಸ್ನಾತಕ (UG)ಕೋರ್ಸುಗಳ ಶೈಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟಿ (ಸೆಮಿಸ್ಟರ್ ಪದ್ಧತಿ)

- ಉದ್ದೇಶ: 1. ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಆದೇಶ ಸಂ. ಇಡಿ 80 ಯುಎಸ್/ಇ 2023,ಬೆಂಗಳೂರು.ದಿನಾಂಕ: 23-05-2023
- 2. ಮಾನ್ಯ ಕುಲಸಚಿವರ ಅನುಮೋದನೆ ದಿನಾಂಕ:30/05/2023
- ಟಿಪ್ಪಣಿ: ಸರ್ಕಾರಿ ಶೈಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟಿಯನ್ನು ಮೇಲಿನ ಉದ್ದೇಶಗಳ ಆಧಾರದ ಮೇಲೆ ಅನುಸರಿಸಲು ಸದ್ಭಾವನೆಗಳಾಗಿ

ಕ್ರ.ಸಂ	ವಿವರ	ಶಿರೀಷೆ (1 ಸೆಮಿಸ್ಟರ್) Online Admission & related Academic works through UUCMS
1	ಸ್ನಾತಕ ಕೋರ್ಸುಗಳ ಸೆಮಿಸ್ಟರ್‌ವಾರು ಪ್ರವೇಶ ಪ್ರಕ್ರಿಯೆ ಪ್ರಾರಂಭದ ಅವಧಿ (ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್)	01-06-2023
2	ದಂಚರಟಿಕೆವಾಗಿ ಪ್ರವೇಶ ಪಡೆಯುವ ಕೊನೆಯ ದಿನಾಂಕ	15.07.2023
3	2023-24 ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನ 1ನೇ ಸೆಮಿಸ್ಟರ್ ತರಗತಿಗಳು ಪ್ರಾರಂಭ	17.07.2023
4	ರೂ.1,000/-ರಂತೆ ದಂಚರಟಿಕೆ ವಿನ್ಯಾಸ ಪ್ರವೇಶ ಪಡೆಯಲು ಕೊನೆಯ ದಿನಾಂಕ	31.07.2023
5	2023-24ನೇ ಸಾಲಿನ ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್ ಪ್ರವೇಶಯೋಜನೆಯಲ್ಲಿ ಹಸು ತಿದ್ದುಪಡಿ/ನಿವಯ ಬದಲಾವಣೆಯ ದಿನಾಂಕ (ಕೊನೆಯ ಘಳಿಗೆ ಹಾಗೂ ಅವಧಿ ಮೀರಿ ಬಂದ ಅರ್ಜಿಗಳನ್ನು ಪರಿಗಣಿಸುವುದಿಲ್ಲ)	16.08.2023
6	1ನೇ ಸೆಮಿಸ್ಟರ್ನ ದಂಚರಟಿಕೆ ಮತ್ತು ದಂಚರಟಿಕೆ ಕೋರ್ಸುಗಳ ಪ್ರವೇಶ ಪಡೆದ ವಿದ್ಯಾರ್ಥಿಗಳ ಯಾರಿಯನ್ನು UUCMSನಲ್ಲಿ ಮಹಾಧಿಕಾರಿಯರ ಪ್ರಾಚಾರ್ಯರಿಂದ ಅನುಮೋದನೆ ನೀಡುವ ಕೊನೆಯ ದಿನಾಂಕ	30.09.2023
7	1ನೇ ಸೆಮಿಸ್ಟರ್ನ ದಂಚರಟಿಕೆ ಮತ್ತು ದಂಚರಟಿಕೆ ಕೋರ್ಸುಗಳ ಪ್ರವೇಶ ಪಡೆದ ವಿದ್ಯಾರ್ಥಿಗಳ ಯಾರಿಯನ್ನು ಮುಖೇಶಿಕೊಳ್ಳುವುದು (Reconciliation)	03.10.2023 ರಿಂದ 11.11.2023
8	1ನೇ ಸೆಮಿಸ್ಟರ್ ತರಗತಿಗಳ ಕೊನೆಯ ದಿನಾಂಕ	18.11.2023
9	1ನೇ ಸೆಮಿಸ್ಟರ್ನ ಪ್ರಾಯೋಗಿಕ ಪರೀಕ್ಷೆ/ ಮಧ್ಯಮಾವಧಿ ರಜೆ/ರಜಿತ ಪರೀಕ್ಷೆ/ಮೌಲ್ಯಮಾಪನ ಇತ್ಯಾದಿ ಫಲಿತಾಂಶ ಪ್ರಕಟಣೆ	19.11.2023 ರಿಂದ 15.01.2024
10	2ನೇ ಸೆಮಿಸ್ಟರ್ ಸ್ನಾತಕ ಕೋರ್ಸುಗಳ ತರಗತಿಗಳ ಪ್ರಾರಂಭದ ದಿನಾಂಕ	16.01.2024
11	2ನೇ ಸೆಮಿಸ್ಟರ್ ಸ್ನಾತಕ ಕೋರ್ಸುಗಳ ತರಗತಿಗಳ ಕೊನೆಯ ದಿನಾಂಕ	11.05.2024
12	2ನೇ ಸೆಮಿಸ್ಟರ್ನ ಮಧ್ಯಮಾವಧಿ ರಜೆ/ರಜಿತ ಪರೀಕ್ಷೆ/ಪ್ರಾಯೋಗಿಕ ಪರೀಕ್ಷೆ/ಮೌಲ್ಯಮಾಪನ ಇತ್ಯಾದಿ ಫಲಿತಾಂಶ ಪ್ರಕಟಣೆ	12.05.2024 ರಿಂದ 29.06.2024

ಕೊಡುಗೆಗಳು:

- 1.ಮೇಲೆ ನಮೂದಿಸಿದ ದಿನಗಳ ರಜೆ ಎಂದು ಘೋಷಿಸಿದಲ್ಲಿ ತದನಂತರದಲ್ಲಿ ದಿನವನ್ನು ಪರಿಗಣಿಸುವುದು
- 2.ಪರೀಕ್ಷೆಗಳ ವೇಳಾಪಟ್ಟಿಯನ್ನು ಕುಲಸಚಿವರು(ಮೌಲ್ಯಮಾಪನ) ಬಾಗಲಕೋಟೆ ವಿಶ್ವವಿದ್ಯಾಲಯ ಇವರು ಕುಲಕುಲಕ್ಕೆ ಪ್ರಕಟಿಸುವುದು
- 3.ಸಂಕುಲ/ವಿಶ್ವವಿದ್ಯಾಲಯ ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಈ ಶೈಕ್ಷಣಿಕ ವೇಳಾಪಟ್ಟಿಯನ್ನು ಓದು ವೇಳೆ ಬದಲಾವಣೆ ಮಾಡಿದಲ್ಲಿ ಇದು ಬದಲಾವಣೆ ಒಳಪಡಲಾರದು

ಕುಲಸಚಿವರು

ಬಾಗಲಕೋಟೆ ವಿಶ್ವವಿದ್ಯಾಲಯ ಜಮಖಂಡಿ

ಇವರಿಗೆ,

1.ಕುಲಸಚಿವರು(ಮೌಲ್ಯಮಾಪನ) ಬಾಗಲಕೋಟೆ ವಿಶ್ವವಿದ್ಯಾಲಯ ಜಮಖಂಡಿ

2 ಬಾಗಲಕೋಟೆ ವಿಶ್ವವಿದ್ಯಾಲಯ ಕಟ್ಟಡದಲ್ಲಿನ ಸ್ನಾತಕ (UG)ಕೋರ್ಸುಗಳನ್ನು ಸಹಿಸುತ್ತಿರುವ ಎಲ್ಲ ಮಹಾಧಿಕಾರಿಯರಗಳ ಸಂಪನ್ಮೂಲಗಳಿಗೆ



PRINCIPAL

S.V.M. Arts, Science and
Commerce College, ILKAL



ಬಾಗಲಕೋಟ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದವು ಸಾರ್ವಜನಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ)
ಮುಧೋಳ ರಸ್ತೆ, ಜಮಖಂಡಿ-587301 ಜಾಗಲಕೋಟೆ ಜಿಲ್ಲೆ

Bagalkot University

(A State Public University of Govt. of Karnataka)
Mudhol Road, Jamkhandli-587301 Dist: Bagalkote



Mail ID: bagalkot@bagalkot.ac.in

Website: <http://www.bagalkot.ac.in>

ಪರೀಕ್ಷಾ ವಿಭಾಗ

Tel No: (08333) 295024 / 211

BGKU/Exam/2023-24/23

Date: 05-02-2024

ಪರೀಕ್ಷಾ ಅಧಿಸೂಚನೆ

ಸ್ನಾತಕ ಪದವಿಗಳ ಪರೀಕ್ಷಾ ಅಧಿಸೂಚನೆ - ಪಬುಪರಿ/ಮಾರ್ಚ್ - 2024

(I Semester Regular)

(BA / BBA / BCA / BCOM / BSC / BSW)

[NEP PROGRAMES]

ಪರೀಕ್ಷಾ ಕಾರ್ಯಕ್ರಮ ವೇಳಾಪಟ್ಟಿ

ಕ್ರ.ಸಂ	ವಿವರಣೆ	ದಿನಾಂಕ
1	ಪರೀಕ್ಷಾ ಅರ್ಜಿಗಳನ್ನು UUCMS ಸ್ಕಾನ್ ಮಾಡಿ ಪೋರ್ಟಲ್‌ನಲ್ಲಿ ತುಂಬುವುದು (ದಂಡಕುಲ್ಕ ರಹಿತ).	06/02/2024 ರಿಂದ 12/02/2024
2	ಪರೀಕ್ಷಾ ಅರ್ಜಿಗಳನ್ನು UUCMS ಸ್ಕಾನ್ ಮಾಡಿ ಪೋರ್ಟಲ್‌ನಲ್ಲಿ ತುಂಬುವುದು. (ಪ್ರತಿ ಸೆಮೆಸ್ಟರಿಗೆ 100/-ರೂ. ದಂಡಕುಲ್ಕದೊಂದಿಗೆ)	13/02/2024 ರಿಂದ 14/02/2024
3	ಪರೀಕ್ಷಾ ಅರ್ಜಿಗಳನ್ನು UUCMS ಸ್ಕಾನ್ ಮಾಡಿ ಪೋರ್ಟಲ್‌ನಲ್ಲಿ ತುಂಬುವುದು. (ಪ್ರತಿ ಸೆಮೆಸ್ಟರಿಗೆ 500/-ರೂ. ದಂಡಕುಲ್ಕದೊಂದಿಗೆ)	15/02/2024 ರಿಂದ 16/02/2024
4	ರಿವಿಜ್ ಪರೀಕ್ಷಾ ವೇಳಾ ಪಟ್ಟಿ ಪ್ರಕಟಣೆ (feedback from colleges)	16/02/2024
5	ರಿವಿಜ್ ಪರೀಕ್ಷಾ ವೇಳಾ ಪಟ್ಟಿ ಪ್ರಕಟಣೆ (Final)	18/02/2024
6	ವಿದ್ಯಾರ್ಥಿಗಳ ಅಂಕಗಳ / ಹಾಜರಾತಿಯನ್ನು UUCMS ಪೋರ್ಟಲ್‌ನಲ್ಲಿ ತುಂಬುವುದು.	16/02/2024 ರಿಂದ 20/02/2024
7	ಅಂತರಿಕ ಅಂಕಗಳ / ಹಾಜರಾತಿ ತಿದ್ದುಪಡಿಗಾಗಿ ಕೊನೆಯ ದಿನಾಂಕ	21/02/2024
8	ಪ್ರವೇಶ ಪತ್ರಗಳನ್ನು ಪಡೆಯುವುದು.	22/02/2024
9	ಪರೀಕ್ಷಾ ಸಾಮಗ್ರಿ ಹಾಗೂ ಉತ್ತರ ಪತ್ರಿಕೆಗಳ ವಿತರಣೆ.	22/02/2024 ಹಾಗೂ 23/02/2024
10	ರಿವಿಜ್ ಪರೀಕ್ಷೆಗಳ ಪ್ರಾರಂಭ.	26/02/2024 ರಿಂದ 15-03-2024
11	ಪ್ರಾಯೋಗಿಕ ಪರೀಕ್ಷೆಗಳು	ರಿವಿಜ್ ಪರೀಕ್ಷೆಗಳು ಮುಗಿದ ನಂತರ ದಿನಾಂಕವನ್ನು ತಿಳಿಸಲಾಗುವುದು.

ವಂದನೆಗಳೊಂದಿಗೆ,

(ಕುಲಸಚಿವರು (ಪ್ರೌಢ ಮಾರ್ಚ್)
ಕುಲಸಚಿವರು (ಪ್ರೌಢ ಮಾರ್ಚ್)
ಬಾಗಲಕೋಟ ವಿಶ್ವವಿದ್ಯಾಲಯ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದವು ಸಾರ್ವಜನಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ)
ಜಮಖಂಡಿ-587301, ಜಿ. ಜಾಗಲಕೋಟೆ



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S.V.M. Arts, Science and
Commerce College, ILKAL

Shri VijayMahantesh Vidyavardhaka Society's



Shri VijayMahantesh Arts, Science & Commerce College, ILKAL – 587125.
Dist: Bagalkot State: Karnataka

Dr.S.S. Awati B.A., M.Phil., P.D.E.
Principal

ACCREDITED AT 'A' LEVEL BY NAAC
(Affiliated to Bagalkot University Jamakandi Centre Code: 6218)

Office No : 9731240260

E-mail: svmdgreecollege@gmail.com

Web: www.svmdgreecollege.edu.in

Calendar of Events 2023-24

I Term

Month	Week	Programme / Event
November – 2023	1	IQAC Meeting
	2	Induction Programme
December – 2023	1	Inauguration of College Union
	3	Social Science Form Programme
	4	First Internal Assessment
	4	IQAC Meeting
January – 2024	1	Literary Forum Programme
	2	Programme on IPR (Conference/ Seminar/Workshop online mode/ offline)
	3	Care-Share Forum
	4	Second Internal Assessment
February – 2024	1	Women's Forum Programme
	2	Science Forum Programme
	3	IQAC Meeting

II Term

April – 2024	1	Classes Commence on 22-04-2024 for II nd Sem.
May – 2024	1	IQAC Meeting
	2	Classes Commence for IV & VI Sem. on 20-05-2024
	3	Alumni Meet
	4	Commerce & Planning Forum Function
June – 2024	1	IQAC Meeting
	2	I st IA for II nd Sem. IA
	3	Literary Association Function
	4	Parents Meeting
July-2024	1	Cultural Activities
	2	Science Association Function
	3	II IA for Second Sem. / I IA for IV & VI Sem.
	4	Annual Sports
August-2024	1	IQAC Meeting
	2	Faculty Development Programme
	3	II nd IA for IV & VI Sem.
	4	Valedictory Programme
	5	Term Closes on 05-09-2024




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Post Box No: 3



Shri VijayMahantesh Vidyavardhak Sangha's
**Shri VijayMahantesh Arts, Science & Commerce
College, ILKAL – 587125.**

Dt: Bagalkot

Karnataka State

Dr. S.S Awati
M.A, M.P.S.G, Ph.D
Principal

Accredited at 'A' Grade by NAAC
(Affiliated to Bagalkot University, Jamakhandi Center Code: 621B)

E.Mail: svmdegreecollege@gmail.com

Web: www.svmdegreecollege.edu.in

Office No: 9731240260
Phone No: 9902683548

ವಿಷಯ: ಎಸ್.ವಿ.ಎಂ.ಸಿ/ಅರ್ಜಿ/2023-24

ದಿನಾಂಕ: 25-06-2024

04). ಅಂದರಿತ ಪರಿಶ್ಕೃತ ನಮಿತಿ

ಅ.ನಂ	ಪ್ರಾಧ್ಯಾಪಕರ ಹೆಸರು	ಸಹಿ
01	ಡಾ. ಎಸ್.ಎ. ಅರಾಬಾರ - ಸಂಪಾದಕರು	
02	ಶ್ರೀ. ಕೆ.ಎಸ್. ಗಾಣೇಗೇರ	
03	ಶ್ರೀ. ಅ.ಎಸ್. ವಾಲಕಾರ	
04	ಶ್ರೀ. ಎ.ಡಿ. ಎಕರೇಟೆ	
05	ಶ್ರೀ. ಭರತ ಹಿರೇಮುನಿ	

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SVMVV Society's
SVM Arts, Science and Commerce College, Ilkal
Internal Examination Committee 2024-25

Notice

All the students of 4th & 6th semesters are hereby informed to attend the first IA test from 15.07.2024 to 20.07.2024 according to the time-table. Time-table is displayed on the college notice board.

Date: 08-07-2024


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S.V.M. Arts, Science and
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College Code: 622

S. Com VI Sem
B.A. IV Sem
B.A. IV Sem
B.Sc. IV Sem
B.Sc. VI Sem
B.A. VI Sem
B.Sc. VI Sem
B.Sc. VI Sem




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S. V. M ARTS, SCIENCE AND COMMERCE COLLEGE, ILKAL - 587125.

DEPARTMENT OF COMPUTER SCIENCE

1st IA TEST

SUBJECT: DBMS

2023-24

MAX.MARKS: 30

DATE:18/7/24

I. ANSWER ANY 5 OF THE FOLLOWING.

5*2 marks=10marks

1. Define Database.
2. What is Logical data independence?
3. Write any 2 advantages of 3 tier architecture.
4. Define Data,model & mention types of data model.
5. Define types of Entity.
6. Define Candidate key & Primary key with an example.

II. ANSWER ANY 4 OF THE FOLLOWING.

4*5 marks=20marks

7. Explain Applications of DBMS.
8. Explain Characteristics of DBMS.
9. Explain Database Languages.
10. Define Attribute & explain their types with an example.
11. Define Relationship & explain their types with an example.

Pravin
19/07/24
Head of the Department
Department of Computer Science
S. V. M. Arts, Science & Commerce
College, ILKAL-587125

[Signature]
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S.V.M. Arts, Science and
Commerce College, ILKAL

SHRI VIJAY MAHANTESH ARTS, SCIENCE & COMMERCE COLLEGE, ILKAL

Affiliated to Rani Channamma University, Belagavi & Rajalaxmi University, Jamkhandi



First Test / Second Test

Date: 18/07/2024 Subject: DBMS Block No: 01

ATTENDANCE REPORT

Time: 9am to 10am B.A. / B.Sc / B.com Semester: IV sem

Sl. No.	Reg No.	Name of the Student	Signature
01.	0015	Siddamma. H. P	
02.	0076	Sachin S. Gatti	
03.	0001	Revana Siddappa. S.K	
04.	0071	Amruta V. Desai	
05.	0061	Swathi Rathod	
06.	0080	Shobhama. Gajjan	
07.	0072	Pooja. Shivanagi	
08.	0008	Kausar Pinjar	
09.	0011	Harshita V. Rulkani	
10.	0079	Kanchana A. Patil	
11.	0075	Rajani. Y. Khatwa	
12.	0068	Sruha B. Muddabinal	
13.	0078	Vankarshetti	
14.	0019	Sectanagouda L. Bijjal	
15.	0052	Archana Dhotre	
16.	0047	Srinidhi B. Shudligeri	
17.	0034	Elkhan Brahmananda Reddy	
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ILKAL

Date: 18/07/2024

Signature of Supervisor

Signature of the Incharge



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I.

①

Data base:

It is a collection of interrelated data which can be organized, retrieved and easily manipulated.

★

It can be of any size and varying complexity.

②

Logical Data Independence:

The capability of Data Independence which gives a ability to modify the changes at the exten without effect

ing or changing the schema at external level is called Logical Data Independence.

④

Data Model:

The Data Model is a mechanism which describes how the data is logically modified.

It is a fundamental tool for adding abstraction to DBMS

TYPES OF DATA MODEL:

- 1) Object - Based Logical Data Model
- a) Entity - Relationship Data Model.
- b) Object - Oriented Data Model
- c) Functional Data Model.




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2) Record-based logical Model

1) Relational Model

ii) Hierarchical Data Model

iii) Network Model

3) Physical Model.

⑤ Entity: An Entity is an object of a physical existence - as a particular person, car etc.

TYPES OF ENTITY:

i) Strong Entity: The Entity which has a key attribute and it does not depend on other entity as it has primary key which uniquely identifies it.

ii) Representation of Strong Entity: by Rectangle

Strong Entity

ii) Weak Entity: Entity which describes uniquely for some entity set but some entity exists for which primary key does not define.

Representation of Weak Entity: by Double Rectangle.



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- ⑥. Primary Key :
- a) The Key of Entity Set with only one instance of unique identification

Ex:

EMPLOYEE	
Emp_ID	
Emp_Name	
SSN	

From above example, The EMP_ID is a unique identification of table EMPLOYEE as the EMP_ID can't be same for all.

- b) Candidate Key :
- The Key which uniquely identifies a unique tuple.
- Except the primary Key, remaining are Candidate Key.

Ex:

EMPLOYEE	
Emp_ID	→ Primary Key
Passport No	} Candidate Key
SSN	
License No	

From above table, Emp-ID is primary Key, remaining attributes are candidate Key as it also describes uniquely.



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11.

(10)

Definition of Attribute:
The properties of an entity type.

Information of an Entity is an Entity Set

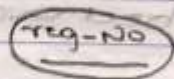
Types of Attributes

- 1) Key Attribute
- 2) Composite Attribute
- 3) Derived Attribute
- 4) Multi-valued Attribute

17. Key Attribute:
The type of attribute which have a unique identification.

Ex: In a student data base, the reg-no becomes key attribute because all student's reg-no is different.

Key attribute is represented by a oval with underlying lines.



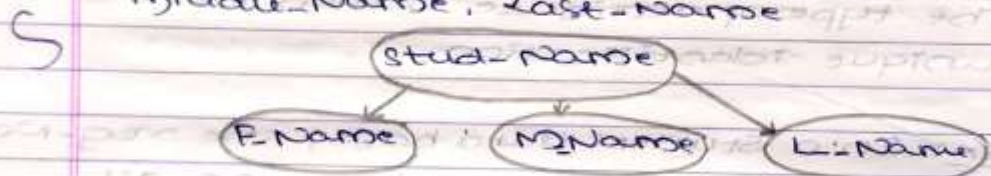

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2]. Composite Attribute: A type of Attribute which has a more than one comprising attributes or ovals

Composite Attribute is represented by: comprising ovals



Ex: In student data base, the stud-Name comprising of first-Name, middle-Name, last-Name

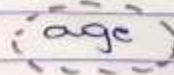


3] Derived Attribute: The type of Attribute which is derived from some other attribute

★ Represented by dashed oval.



Ex: A student data base has a age attribute, that is derived from other attribute DOB.



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4) **Multi-valued Attribute:** Type of Attribute which have more than one values.

* Represented by: Double Ellipse



Ex: In Student database, phone_No is a multi-valued, because it may have student more than one phone_No.

④. **Data Base language:**

Data Base language is used to read, update and alter the data base.

⇒ There are different types of Data base language:

1) **DDL (Data Definition Language):**

DDL is used to describe the data schema and description.

Operations on DDL are:

1) **Create:** Creating a data base Instance.

2) **Alter:** altering the changes to records.

3) **Rename:** Rename the command.

4) **DROP:** Dropping tables temporarily.

5) **TRUNCATE:** deleting the object from a data base temporarily.




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- 2) **DML:**
DML is also called Data Manipulation language used for accessing and manipulating a database.

Operations on DML:

- 1) **Select:** selecting the table objects.
- 2) **Insert:** Inserting a value to table.
- 3) **Update:** updating instance of table.
- 4) **DELETE:** Delete the records from table.

- 3) **DCL:** Data Control language
It is used for granting & revoking the user interaction with the database.

Operations on DCL are:

- 1) **grant:**
gives the granting to user / permission to user for interacting.
- 2) **Revoke:**
Taking Revoke from the user.




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⑦. Applications of DBMS:

(i) Data ACID properties:

It follows ACID property to interacting with user.

ii) Data Integrity:

Making Data integrity for accessing constraints.

iii) Security:

Security for user access.

iv) Backup & Recovery:

It backs up the system & recovers the system failure.

⑧. Characteristics:

1) Data Modelling: Data can be modified & retrieved

2) Security: for user access

3) Backup: for system failure

4) Data Integrity: for access constraints

5) Data Organisation: organising the data model.

6) ACID properties:

7) Multiple-User: multiple interaction.



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DEPARTMENT OF ZOOLOGY

I TEST

DATE - 29/06/2024

TIME - 9AM - 10AM
CLASS - B5c II Semester

6 X 2 = 12M

I – ANSWER ANY SIX

1. What are Biomolecules? Mention any two.
2. What is Resting Membrane Potential?
3. What is Glycolysis?
4. What are Disaccharides? Give an example.
5. Define a) Electrical Synapse b) Chemical Synapse
6. Define Gluconeogenesis.
7. What are Nissl's granules?
8. Define Hexose monophosphate pathway.

2 X 4 = 8M

II – ANSWER ANY TWO

1. Write a note on Simple Carbohydrates.
2. Explain origin of Action potential and its propagation across Myelinated Nerve fibre.
3. Define HMP Shunt? Explain its metabolic pathway.
4. Explain the process of Glycosylation.
5. Explain the Structure of Neuron.
6. Give an account on Citric acid cycle.




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Internal Examination

SHRI JAY MAHANTECH ARTS, SCIENCE & COMMERCE COLLEGE, ILKAL.

Affiliated to East Channarayana University, Puttur & Rajaraja University, Tanjavur



First Test / Second Test

Date: 29/06/24 Subject: Psychology Block No: 1.H.4a-95

ATTENDANCE REPORT

Time: 9:00 to 10:00 AM B.A. / B.Sc. / B.com Semester: II

Sl No.	Reg No.	Name of the Student	Signature
01.	U26YX2350004	Chaitra S.H.	Chaitra
02.	U26YX2350005	Pooja K	Pooja
03.	U26YX2350008	Chaitra S.H.	Chaitra
04.	U26YX2350021	Mukta	Mukta
05.	U26YX2350040	Urmila Anant M. Karnool	Urmila
06.	U26YX2350040	Sushiti V. Badiger	Sushiti
07.	U26YX2350063	Urmila Ramesh K. Karnool	Urmila
08.	U26YX2350064	Prabhath Mallappa Patil	Prabhath
09.	U26YX2350069	Sara Kousar Mulla	Sara
10.	U26YX2350073	Neelavati S. Iyengar	Neelavati
11.	U26YX2350073	Shruthi D	Shruthi
12.	U26YX2350076	Afroz Begum	Afroz
13.	U26YX2350077	Afroz Begum	Afroz
14.	U26YX2350079	Abhida M. Talikoti	Abhida
15.	U26YX2350081	Shamika P. Bhargava	Shamika
16.	U26YX2350085	HANSHIKA B. BAVANCI	HANSHIKA
17.	U26YX2350091	ABSENT	
18.	U26YX2350097	chandrashikha Daddamani	chandra
19.	U26YX2350099	Uthammamma madal	Uthamma
20.	U26YX2350106	Basheera M. Karnool	Basheera
21.	U26YX2350109	Prasanna	Prasanna
22.	U26YX2350110	Shruthi Patil	Shruthi
23.	U26YX2350124	Rajiya Madal	Rajiya
24.	U26YX2350126	Charanya P. Iyengar	Charanya
25.	U26YX2350126	Sushmita B. Huddan	Sushmita
26.	U26YX2350140	Vaishnavi S. Parabhagi	Vaishnavi
27.	U26YX2350143	Uthamada S.U	Uthamada
28.	U26YX2350144	ABSENT	
29.	U26YX2350151	Shruthi S. Goudar	Shruthi
30.	U26YX2350151	Uthammamma madal	Uthamma

ILKAL

Date: 29-06-2024

Signature of Supervisor

Signature of the Incharge



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1) Biomolecules :-

Biomolecules :- These are most essential organic molecules. This involves in maintenance and metabolic process of living organisms. These non living molecules, these are known as Biomolecules.

ex :- carbohydrates, proteins, lipids etc.

2) Resting membrane potential :-

It is defined as resting neuron has voltage cause it's membrane. The concentration gradients anions is high. This is known as resting membrane potential.

Inside the axolemma it is \ominus vely charged and outside the axolemma it is \oplus vely charged.

The charge difference in neuron has some potential. It is measured in microelectron. Resting membrane potential is range in from -40mv to -90mv . But it's true value is -70mv .

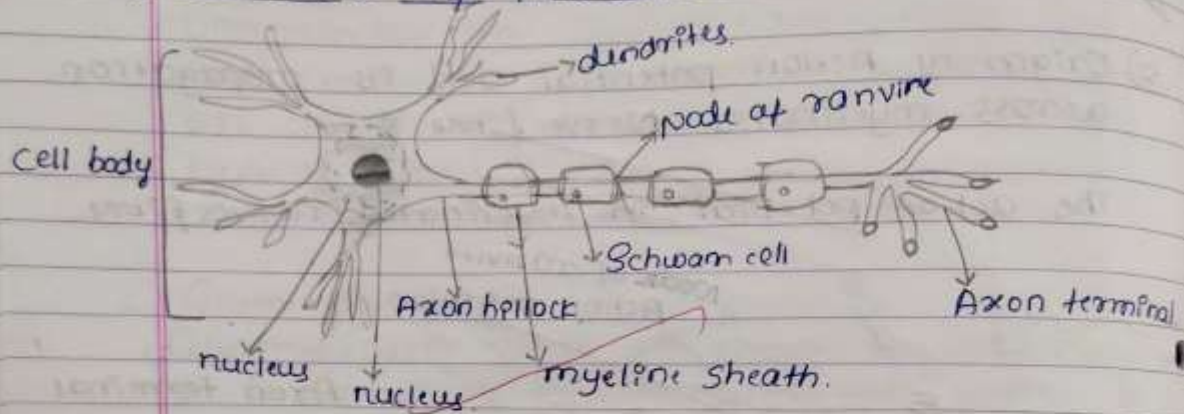
3) Glycolysis :-

Glycolysis is metabolic pathway. It converts glucose into pyruvic acid. It is major pathway for glucose utilization. Fructose and galactose are metabolised through this pathway. It occurs in cytoplasm of prokaryotic and eukaryotic cell. It produces energy in form of ATP even absence of air.



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5) Structure of neuron :-



Neuron is structural and functional unit of nervous system.

It has three parts :-

- 1) cell body
- 2) Axon
- 3) dendrite.

1) Cell body :-

- It is enclosed by cell membrane.
- It is consisting of fluid is called neuroplasm.
- It has large and spherical nucleus. It is present in centrally.
- cell body is also has special granules. These are known as Nissles granules which are ribosomes - c proteins which are in production of neurotransmitters.

2) Axon:-

- Axon is large process of neuron.
- A single process is called axon.
- Axon hillock is a part of axon which is emerge from the cyton or cell body.
- Axon has semi fluid it is known as Axoplasm which contains nutrients for the growth of neurons.
- The ~~axons~~ ^{cell body} is made up of
- The Schwann cells made up of myeline sheath and which form in white fatty layer.
- The part between shwan schwann cells it is called node of ranvier

3) Dendrite:-

- The neuron has many extentions these are called dendrites, which are carry information of other neuron, cell body.
- It is also collect pmpulse from other neurons.
- Dendrites are special structure of neuron.
- Dend neuron transfers messege or information from one neuron by through the dendrites.




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IA Test Day: Where Knowledge Meets Performance




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