



**(KARNATAKA STATE EDUCATION BOARD)**  
**STANDARD FIFTEEN (PUC - 2) (2019-2020)**  
**(12 SEMESTER) (CLASS)**  
**SCIENCE & TECHNOLOGY (20)**

Sl. No.	Topic	Weightage
1	Introduction to Science & Technology	5
2	Space	5
3	Energy	5
4	Information Technology	5
5	Health & Safety	5
6	Environment & Sustainable Development	5
7	Artificial Intelligence	5
8	Blockchain	5
9	Internet of Things	5
10	Cloud Computing	5
11	Big Data	5
12	Machine Learning	5
13	Deep Learning	5
14	Computer Vision	5
15	Robotics	5
16	Autonomous Vehicles	5
17	Augmented Reality	5
18	Virtual Reality	5
19	3D Printing	5
20	Biotechnology	5
21	Genetics	5
22	CRISPR	5
23	Artificial Intelligence in Healthcare	5
24	Blockchain in Finance	5
25	Internet of Things in Smart Cities	5
26	Cloud Computing in Business	5
27	Big Data in Marketing	5
28	Machine Learning in Recommendation Systems	5
29	Deep Learning in Image Classification	5
30	Computer Vision in Facial Recognition	5
31	Robotics in Manufacturing	5
32	Autonomous Vehicles in Transportation	5
33	Augmented Reality in Retail	5
34	Virtual Reality in Education	5
35	3D Printing in Manufacturing	5
36	Biotechnology in Agriculture	5
37	Genetics in Breeding	5
38	CRISPR in Gene Editing	5
39	Artificial Intelligence in Customer Service	5
40	Blockchain in Supply Chain	5
41	Internet of Things in Smart Homes	5
42	Cloud Computing in Data Storage	5
43	Big Data in Analytics	5
44	Machine Learning in Fraud Detection	5
45	Deep Learning in Natural Language Processing	5
46	Computer Vision in Object Detection	5
47	Robotics in Service	5
48	Autonomous Vehicles in Self-Driving	5
49	Augmented Reality in Training	5
50	Virtual Reality in Simulation	5
51	3D Printing in Prototyping	5
52	Biotechnology in Bioproduction	5
53	Genetics in Evolution	5
54	CRISPR in Gene Therapy	5
55	Artificial Intelligence in Personalized Medicine	5
56	Blockchain in Digital Identity	5
57	Internet of Things in Smart Agriculture	5
58	Cloud Computing in Disaster Recovery	5
59	Big Data in Social Media	5
60	Machine Learning in Sentiment Analysis	5
61	Deep Learning in Speech Recognition	5
62	Computer Vision in Image Captioning	5
63	Robotics in Logistics	5
64	Autonomous Vehicles in Delivery	5
65	Augmented Reality in Navigation	5
66	Virtual Reality in Remote Work	5
67	3D Printing in Customization	5
68	Biotechnology in Bioinformatics	5
69	Genetics in Personalized Nutrition	5
70	CRISPR in Precision Agriculture	5
71	Artificial Intelligence in Predictive Analytics	5
72	Blockchain in Digital Marketing	5
73	Internet of Things in Smart Grids	5
74	Cloud Computing in Serverless Architecture	5
75	Big Data in Real-time Analytics	5
76	Machine Learning in Recommendation Systems	5
77	Deep Learning in Image Classification	5
78	Computer Vision in Facial Recognition	5
79	Robotics in Manufacturing	5
80	Autonomous Vehicles in Transportation	5
81	Augmented Reality in Retail	5
82	Virtual Reality in Education	5
83	3D Printing in Manufacturing	5
84	Biotechnology in Agriculture	5
85	Genetics in Breeding	5
86	CRISPR in Gene Editing	5
87	Artificial Intelligence in Customer Service	5
88	Blockchain in Supply Chain	5
89	Internet of Things in Smart Homes	5
90	Cloud Computing in Data Storage	5
91	Big Data in Analytics	5
92	Machine Learning in Fraud Detection	5
93	Deep Learning in Natural Language Processing	5
94	Computer Vision in Object Detection	5
95	Robotics in Service	5
96	Autonomous Vehicles in Self-Driving	5
97	Augmented Reality in Training	5
98	Virtual Reality in Simulation	5
99	3D Printing in Prototyping	5
100	Biotechnology in Bioproduction	5