



**ZIMBABWE EZEKIEL GUTI UNIVERSITY**

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**FACULTY OF HUMANITIES, EDUCATION AND SOCIAL SCIENCES**

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**DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES**

**EXAMINATION PAPER**

**B. A (Hons) Development Studies: Part 2 Semester 1**

**COURSE CODE** : ADS 204  
**COURSE TITLE** : Project Planning, Monitoring and Evaluation.  
**DURATION** : 3 Hours  
**DATE** : 22 NOV 2019

**INSTRUCTIONS TO CANDIDATES:**

1. Answer any THREE questions only.
2. Each question carries 25 Marks.
3. Start each question on a new page of your answer sheet.
4. Use relevant examples or case studies in answering questions

1. Calculate the Break Even Point (BEP) for a company which makes a single product with a total capacity of 400 000 litres per annum.

Costs and sales data are as follows;

Selling price	\$1,00 per litre
Variable	\$0,50 per litre
Fixed	\$100 000

(15 marks)

- Explain
- (a) Net Present Value (NPV) (5 marks)
  - (b) Gross Benefit Cost Ratio (GBCR) (5 marks)
  - (c) Simple Rate of Return (SRR) (5 marks)

- (d) The information below is for a water tank project. Draw a network diagram and identify the critical path.

Activity in Question	Succeeding Activity	Duration
A Location industrial site	B	2
B Purchase of equipment	C,D	2
C Recruitment	E	2
D Training	E	1,5
E Designing tank	F	2,5
F Procurement of raw material	G	5
G Manufacturing of polythene water tanks	H	6
H Selling and marketing	I	4,5
I Evaluation	-	2

(25 marks)

- (e) Discuss the factors that influence the choice of the type of financing.  
(15 marks)
- (f) Outline the factors that determine the interest rate to be charged by banks.  
(30 marks)
2. Justify the rationale behind monitoring and evaluation.
  3. Identify and explain the key variables or aspects that should be considered when doing a comprehensive project evaluation.
  4. Compare and contrast social and economic appraisal.
  5. Evaluate the Logical Framework Approach to Project Planning and Implementation.

End of paper

PRESENTI WUKUH OF ANNUITY FACILOR (PWAF)

YEAR/ PERCENTAGE	2%	4%	6%	8%	10%	12%	14%	16%	18%	20%	22%	24%	25%
1	0.9804	0.9615	0.9434	0.9259	0.9091	0.8929	0.8772	0.8621	0.8475	0.8333	0.8197	0.8065	0.8000
2	1.9416	1.8861	1.8334	1.7833	1.7355	1.6901	1.6467	1.6052	1.5656	1.5278	1.4915	1.4568	1.4400
3	2.8839	2.7751	2.6730	2.5771	2.4869	2.4018	2.3216	2.2459	2.1743	2.1065	2.0422	1.9813	1.9520
4	3.8077	3.6299	3.4651	3.3121	3.1699	3.0373	2.9137	2.7982	2.6901	2.5887	2.4936	2.4043	2.3616
5	4.7135	4.4518	4.2124	3.9927	3.7908	3.6048	3.4331	3.2743	3.1272	2.9906	2.8636	2.7454	2.6893
6	5.6014	5.2421	4.9173	4.6229	4.3553	4.1114	3.8887	3.6847	3.4976	3.3255	3.1669	3.0205	2.9514
7	6.4720	6.0021	5.5824	5.2064	4.8684	4.5638	4.2883	4.0386	3.8115	3.6046	3.4155	3.2423	3.1611
8	7.3255	6.7327	6.2098	5.7466	5.3349	4.9676	4.6389	4.3436	4.0776	3.8372	3.6193	3.4212	3.3289
9	8.1622	7.4353	6.8017	6.2469	5.7590	5.3282	4.9464	4.6065	4.3030	4.0310	3.7863	3.5655	3.4631
10	8.9826	8.1109	7.3601	6.7101	6.1446	5.6502	5.2161	4.8332	4.4941	4.1925	3.9232	3.6819	3.5705
11	9.7868	8.7605	7.8869	7.1390	6.4951	5.9377	5.4527	5.0286	4.6560	4.3271	4.0354	3.7757	3.6564
12	10.5753	9.3851	8.3838	7.5361	6.8137	6.1944	5.6603	5.1971	4.7932	4.4392	4.1274	3.8514	3.7251
13	11.3484	9.9856	8.8527	7.9038	7.1034	6.4235	5.8424	5.3423	4.9095	4.5327	4.2028	3.9124	3.7801
14	12.1062	10.5631	9.2950	8.2442	7.3667	6.6282	6.0021	5.4675	5.0081	4.6106	4.2646	3.9616	3.8241
15	12.8493	11.1184	9.7122	8.5595	7.6061	6.8109	6.1422	5.5755	5.0916	4.6755	4.3152	4.0013	3.8593
16	13.5777	11.6523	10.1059	8.8514	7.8237	6.9740	6.2651	5.6685	5.1624	4.7296	4.3567	4.0333	3.8874
17	14.2919	12.1657	10.4773	9.1216	8.0216	7.1196	6.3729	5.7487	5.2223	4.7746	4.3908	4.0591	3.9099
18	14.9920	12.6593	10.8276	9.3719	8.2014	7.2497	6.4674	5.8178	5.2732	4.8122	4.4187	4.0799	3.9279
19	15.6785	13.1339	11.1581	9.6036	8.3649	7.3658	6.5504	5.8775	5.3162	4.8435	4.4415	4.0967	3.9424
20	16.3514	13.5903	11.4699	9.8181	8.5136	7.4694	6.6231	5.9288	5.3527	4.8696	4.4603	4.1103	3.9539
21	17.0112	14.0292	11.7641	10.0168	8.6487	7.5620	6.6870	5.9731	5.3837	4.8913	4.4756	4.1212	3.9631
22	17.6580	14.4511	12.0416	10.2007	8.7715	7.6446	6.7429	6.0113	5.4099	4.9094	4.4882	4.1300	3.9705
23	18.2922	14.8568	12.3034	10.3711	8.8832	7.7184	6.7921	6.0442	5.4321	4.9245	4.4985	4.1371	3.9764
24	18.9139	15.2470	12.5504	10.5288	8.9847	7.7843	6.8351	6.0726	5.4509	4.9371	4.5070	4.1428	3.9811
25	19.5235	15.6221	12.7834	10.6748	9.0770	7.8431	6.8729	6.0971	5.4669	4.9476	4.5139	4.1474	3.9849
26	20.1210	15.9828	13.0032	10.8100	9.1609	7.8957	6.9061	6.1182	5.4804	4.9563	4.5196	4.1511	3.9879
27	20.7069	16.3296	13.2105	10.9352	9.2372	7.9426	6.9352	6.1364	5.4919	4.9636	4.5243	4.1542	3.9903
28	21.2813	16.6631	13.4062	11.0511	9.3066	7.9844	6.9607	6.1520	5.5016	4.9697	4.5281	4.1566	3.9923
29	21.8444	16.9837	13.5907	11.1584	9.3696	8.0218	6.9830	6.1656	5.5098	4.9747	4.5312	4.1585	3.9938
30	22.3965	17.2920	13.7648	11.2578	9.4269	8.0552	7.0027	6.1772	5.5168	4.9789	4.5338	4.1601	3.9950

## DISCOUNTING TABLE

YEAR/ PERCENTAGE	2%	4%	6%	8%	10%	12%	14%	16%	18%	20%	22%	24%	25%
1	0.9804	0.9615	0.9434	0.9259	0.9091	0.8929	0.8772	0.8621	0.8475	0.8333	0.8197	0.8065	0.8000
2	0.9612	0.9246	0.8900	0.8573	0.8264	0.7972	0.7695	0.7432	0.7182	0.6944	0.6719	0.6504	0.6400
3	0.9423	0.8890	0.8396	0.7938	0.7513	0.7118	0.6750	0.6407	0.6086	0.5787	0.5507	0.5245	0.5120
4	0.9238	0.8548	0.7921	0.7350	0.6830	0.6355	0.5921	0.5523	0.5158	0.4823	0.4514	0.4230	0.4096
5	0.9057	0.8219	0.7473	0.6806	0.6209	0.5674	0.5194	0.4761	0.4371	0.4019	0.3700	0.3411	0.3277
6	0.8880	0.7903	0.7050	0.6302	0.5645	0.5066	0.4556	0.4104	0.3704	0.3349	0.3033	0.2751	0.2621
7	0.8706	0.7599	0.6651	0.5835	0.5132	0.4523	0.3996	0.3538	0.3139	0.2791	0.2486	0.2218	0.2097
8	0.8535	0.7307	0.6274	0.5403	0.4665	0.4039	0.3506	0.3050	0.2660	0.2326	0.2038	0.1789	0.1678
9	0.8368	0.7026	0.5919	0.5002	0.4241	0.3606	0.3075	0.2630	0.2255	0.1938	0.1670	0.1443	0.1342
10	0.8203	0.6756	0.5584	0.4632	0.3855	0.3220	0.2697	0.2267	0.1911	0.1615	0.1369	0.1164	0.1074
11	0.8043	0.6496	0.5268	0.4289	0.3505	0.2875	0.2366	0.1954	0.1619	0.1346	0.1122	0.0938	0.0859
12	0.7885	0.6246	0.4970	0.3971	0.3186	0.2567	0.2076	0.1685	0.1372	0.1122	0.0920	0.0757	0.0687
13	0.7730	0.6006	0.4688	0.3677	0.2897	0.2292	0.1821	0.1452	0.1163	0.0935	0.0754	0.0610	0.0550
14	0.7579	0.5775	0.4423	0.3405	0.2633	0.2046	0.1597	0.1252	0.0985	0.0779	0.0618	0.0492	0.0440
15	0.7430	0.5553	0.4173	0.3152	0.2394	0.1827	0.1401	0.1079	0.0835	0.0649	0.0507	0.0397	0.0352
16	0.7284	0.5339	0.3936	0.2919	0.2176	0.1631	0.1229	0.0930	0.0708	0.0541	0.0415	0.0320	0.0281
17	0.7142	0.5134	0.3714	0.2703	0.1978	0.1456	0.1078	0.0802	0.0600	0.0451	0.0340	0.0258	0.0225
18	0.7002	0.4936	0.3503	0.2502	0.1799	0.1300	0.0946	0.0691	0.0508	0.0376	0.0279	0.0208	0.0180
19	0.6864	0.4746	0.3305	0.2317	0.1635	0.1161	0.0829	0.0596	0.0431	0.0313	0.0229	0.0168	0.0144
20	0.6730	0.4564	0.3118	0.2145	0.1486	0.1037	0.0728	0.0514	0.0365	0.0261	0.0187	0.0135	0.0115
21	0.6598	0.4388	0.2942	0.1987	0.1351	0.0926	0.0638	0.0443	0.0309	0.0217	0.0154	0.0109	0.0092
22	0.6468	0.4220	0.2775	0.1839	0.1228	0.0826	0.0560	0.0382	0.0262	0.0181	0.0126	0.0088	0.0074
23	0.6342	0.4057	0.2618	0.1703	0.1117	0.0738	0.0491	0.0329	0.0222	0.0151	0.0103	0.0071	0.0059
24	0.6217	0.3901	0.2470	0.1577	0.1015	0.0659	0.0431	0.0284	0.0188	0.0126	0.0085	0.0057	0.0047
25	0.6095	0.3751	0.2330	0.1460	0.0923	0.0588	0.0378	0.0245	0.0160	0.0105	0.0069	0.0046	0.0038
26	0.5976	0.3607	0.2198	0.1352	0.0839	0.0525	0.0331	0.0211	0.0135	0.0087	0.0057	0.0037	0.0030
27	0.5859	0.3468	0.2074	0.1252	0.0763	0.0469	0.0291	0.0182	0.0115	0.0073	0.0047	0.0030	0.0024
28	0.5744	0.3335	0.1956	0.1159	0.0693	0.0419	0.0255	0.0157	0.0097	0.0061	0.0038	0.0024	0.0019
29	0.5631	0.3207	0.1846	0.1073	0.0630	0.0374	0.0224	0.0135	0.0082	0.0051	0.0031	0.0020	0.0015
30	0.5521	0.3083	0.1741	0.0994	0.0573	0.0334	0.0196	0.0116	0.0070	0.0042	0.0026	0.0016	0.0012